

TODAY'S  
WEATHER

High 62°  
Low 49°



## VAGINA!

The play 'The Vagina Monologues' continues at Chumash today and Saturday

IN ARTS&amp;CULTURE, 13

New Mustang volleyball coach brings skills to Central Coast

IN SPORTS, 16



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Mustangdaily@calpoly.edu

## Rainy day warning

Many areas around San Luis Obispo, such as the Laguna Lake area and South Street, are susceptible to flooding

Nicole Stivers  
MUSTANG DAILY

The recent mudslide disaster in La Conchita illustrates the potential danger inherent in heavy rains.

Disasters, such as flooding and mudslides caused by the recent rains, frequently force people to evacuate their neighborhoods, or get trapped in their homes.

"Don't underestimate the storm or overestimate your own ability to get out of danger," said Kelly Van Buren, public support director for the Red Cross.

The county's office of emergency services has also released winter storm safety tips.

"People around here are rain challenged," emergency services coordinator Ron Alsop said. "They are just

not used to it."

Alsop said knowing what to expect is the most important thing. Residents should be aware of their area's flood risk. If it has been raining hard for several hours or steadily for a number of days, be prepared for flooding. Listen to local radio or television stations for flood information.

Van Buren said quite a few areas around the county are susceptible to flooding. For example, in San Luis Obispo, the Laguna Lake area and South Street are often threatened during big storms.

Floods can take several hours or days to develop. Flood warnings means flooding is already happening or will happen soon. Alsop said floods are more likely to occur in low-lying areas near waterways or in places with blocked or inadequate drainage.

In contrast, flash floods can only take a few minutes or a few hours to develop.

"Unless you live in a flood-prone



NICK HOOVER MUSTANG DAILY

The Red Cross recommends storing a three-day supply of food and water in case of a flood or mudslide.

area, you are more at risk when driving or walking through unsafe areas," Van Buren said.

If one is caught in rising water, head for higher ground. The most

dangerous thing to do is to drive, walk or swim through flood waters.

"People don't realize how powerful

see Floods, page 2

## 'America's doctor' touches on health care

The famous natural medicine's doctor, Andrew Weil, came to Cal Poly on Feb. 13 to discuss how to make health care cheaper

Crystal Phend  
MUSTANG DAILY

"America's doctor" made a house call at the Performing Arts Center Sunday.

Dr. Andrew Weil, natural medicine's most famous MD, diagnosed a severe case of health care system breakdown and prescribed integrative medicine as the solution in his lecture for the Annual Health and Wellness Conference.



Andrew Weil

"It is really urgent to find ways to make effective medical care cheaper," said Weil, who has a degree in medicine from the Harvard School of Medicine. "I really think that is one of the main appeals of integrative medicine, that it has the potential to produce equally good outcomes, or I think in some cases better outcomes, at lower costs."

Although the audience was mainly community members, Weil emphasized in a telephone interview that students are perhaps the most important audience because the principles of integrative medicine will allow them to prevent later problems and age well. "Health is a really individual responsibility and it's very important, and I'd say especially for college-age kids, to learn the basics of prevention and the aspects of lifestyle that are really going to protect you from age related diseases as you get older," he said.

Integrative medicine uses non-conventional therapies, like acupuncture and herbal supplements, to support the use of medical therapies rather than replace standard medical care, as is often the case.

Weil wrote several best-selling health books and founded the Program in Integrative Medicine at the University of Arizona.

"A big part of integrative medicine is lifestyle medicine, it's looking at all aspects of lifestyle which means diet, exercise, how you deal with stress, how you rest, how you sleep, what you do for fun, your quality of relationships," he said.

Other parts of the integrative creed are viewing patients as whole persons with emotional needs beyond just physical, as well as restoring the doctor-

see Weil, page 2

## STATE BUDGET

## Arnold asks for handout

Gov. Arnold Schwarzenegger went to Washington to ask for more federal funding to help with California's financial situation

Erica Werner  
ASSOCIATED PRESS

WASHINGTON — Gov. Arnold Schwarzenegger headed to Capitol Hill on Thursday, where skeptical Democrats awaited his plans to get more federal funds for the state and skeptical Republicans wanted to hear more about his redistricting proposal.



Arnold Schwarzenegger

The Republican governor had a day of meetings planned with the state's congressional delegation, Health and Human Services Secretary Mike Leavitt and Democratic Sen. Dianne Feinstein and Barbara Boxer.

On the agenda: How to keep see Arnold, page 2

## Bush says Syria 'out of step' with Mideast nations

Bush reiterated his support for Israel and said he was not sure if Syria was behind the assassination of a former Lebanese prime minister

Terence Hunt  
ASSOCIATED PRESS

WASHINGTON — President George W. Bush on Thursday said Syria is "out of step" with other nations in the Middle East and that the United States will work with other countries to pressure Damascus to remove its troops from Lebanon.

Bush also pledged to support Israel if its security was threatened by Iran.

Bush said he did not know if Syria was involved in the assassination of former Lebanese prime minister Rafik Hariri.

"I can't tell you that," Bush said. "I don't know yet because the investigation is ongoing. And so, I'm going to withhold judgment until we find out what the facts are."

Bush said he would consult with allies about Syria when he visits Europe next week, and said the United States supports an international investigation of Hariri's



ASSOCIATED PRESS

The assassination of former Lebanese prime minister, Rafik Hariri, has caused many Lebanese to demand that Syria withdraw its 15,000 soldiers from the country.

assassination.

The United States has withdrawn its ambassador to Syria, Margaret Scobey, and that "indicates that the relationship is not moving forward," the president said. He said Syria was "out of step with the progress being made in the greater Middle East."

The United States expects Syria to find and turn over former sup-

porters of Saddam Hussein's regime and send them back to Iraq and stop supporting terrorism, Bush said. He said Syria also must comply with U.N. resolutions calling for it to withdraw its 15,000 troops from Lebanon.

Bush spoke at a news conference where he announced that John Negroponte, the U.S. ambassador see Syria, page 2



## Arnold

*continued from page 1*

California's military bases open in the upcoming round of closures, and betting California's status as a "donor state" that gets back just 79 cents in government services for every dollar it sends to Washington in taxes.

Arriving at the Capitol on Thursday, Schwarzenegger told a crowd of reporters that he hoped to accomplish in Washington "as much as we can, I can guarantee you that."

Asked if he had a wish list for the trip, Schwarzenegger said: "Oh yes, I have it in my pocket."

The governor didn't escape home-state political battles. He was greeted by a full-page ad in the Capitol Hill newspaper Roll Call taken out by the California Nurses Association, with whom he's been fighting over nurse staffing ratios.

"As soon as he got to Sacramento, the governor put vital health policy up for sale," the ad said.

Schwarzenegger began his day meeting with House Appropriations Committee Chairman Jerry Lewis, R-Redlands.

The meeting with Leavitt was expected to focus on a \$4 billion Medicaid waiver, set to expire in June, to help fund hospital care in the state.

Schwarzenegger also planned a meeting at Common Cause, where the good government advocacy group was expected to endorse his proposal to let a panel of retired judges redraw congressional and state legislative boundaries in California next year.

Democrats, meanwhile, say Schwarzenegger has not delivered so far on his campaign pledge to be "the Collectinator" and get more federal funds for California.

## Floods

*continued from page 1*

moving water is," Van Buren said.

Do not drive around barricades or over flooded roads. If one's car stalls in rapidly-rising water, abandon it immediately. The best course of action is to stay off the roads if there is a flood warning.

"Some of the problems we've had are because people are out and about when they do not need to be," Alsop said.

Sometimes flood waters trap people in their homes or businesses. Alsop said in 1995 parts of Cambria, Oceano and Morro Bay were isolated for a few days due to high water levels.

## Syria

*continued from page 1*

to Iraq, will be the nation's first director of national intelligence, the powerful overseer of all 15 intelligence agencies.

Looking ahead to his European trip, Bush said he knows that some allies think that his only concern is national security, which he acknowledged is at the top of his agenda. Yet, he said, "We also care about hunger and disease. ... We care about the climate."

Many allies are upset with the United States for refusing to approve the Kyoto climate treaty.

"They thought the treaty made sense," Bush said. "I didn't." He noted that the Senate had voted 95-0 against the treaty. Yet, Bush said

According to the Office of Emergency Services, part of being prepared is having a disaster plan and supply kit ready in advance.

Each household should discuss how they would handle each kind of emergency situation. Members of a household should develop an escape plan and designate two locations as meeting spots in case immediate evacuation is necessary. One meeting spot should be right outside the residence in case of a sudden emergency. The second location should be outside of the neighborhood in case returning to the residence is not an option.

Having a disaster supply kit will allow the household to endure an evacuation or confinement. Water, food, first aid supplies, clothing, bed-

ding, tools and emergency supplies should all be kept ready.

Having clean water and enough food is a top priority. There should be at least a three-day supply of water, about one gallon per day for each family member. Some food items to include in the kit are canned goods, high-energy foods and comfort foods.

If an evacuation is necessary, people should follow instructions issued by emergency officials. Everyone should wear protective clothing and sturdy shoes, and take their disaster supply kit along. Only use travel routes specified by local authorities, as some areas may be impassable or dangerous. The Red Cross will open shelters if the need should arise.

there were other ways to deal with the problem of global warming and that he would talk with allies about new technologies to deal with the issue.

Bush declined to offer his full endorsement of Europe's negotiations to get Iran to halt its suspected nuclear weapons program. He said the United States and Europe share the goal that Iran must not develop a nuclear weapon. Still, he left it up in the air whether he fully supports Europe's approach.

"I look forward to discussing strategies, ways forward with the Europeans to make sure we continue to speak with one voice, and that is Iran should not have a nuclear weapon and how to work together to make sure they don't," Bush said.

Asked if he was concerned that Israel

might attack Iran to prevent it from acquiring a nuclear weapon, Bush said Israel is concerned about Iran's intentions.

"But clearly, if I was the leader of Israel and I'd listened to some of the statements by the Iranian ayatollah that regarded the security of my country, I'd be concerned about Iran having a nuclear weapon as well," Bush said.

He said Israel "is our ally and in that we've made a very strong commitment to support Israel, we will support Israel if her security is threatened."

With three international hotspots, Syria, Iran and North Korea, topping his agenda lately, Bush repeatedly chose the language of diplomacy over threats.

## Weil

*continued from page 1*

patient relationship that was lost to corporate and insurance pressures on doctors' time.

Although students in majors such as nutrition and kinesiology learn some of these principles, medical students may not be required to do so. This can result in doctors paying little or no attention to such factors in routine care.

"Dr. Andrew Weil has made the connection between how people live, especially how people eat, and their overall health, something few doctors have accomplished," Food Science and Nutrition Department Head Dr. Doris Derelian said.

Students play a role in deciding the future of integrative medicine both as patients and future doctors.

Weil recommended that students entering any health profession should try to get an education in areas such as nutrition, exercise physiology or psychology, "all of which get short shrift in professional schools," he said.

Physics senior Carl Bauer, who attended the conference, said he uses natural medicines and thinks that integrative medicine will become more accepted into mainstream culture in the future because of people like himself.

"This generation as parents will probably have more effect," he said.

Weil also predicted that the revolution in medicine he is calling for will occur even if for no other reason that economic pressure on the healthcare system.

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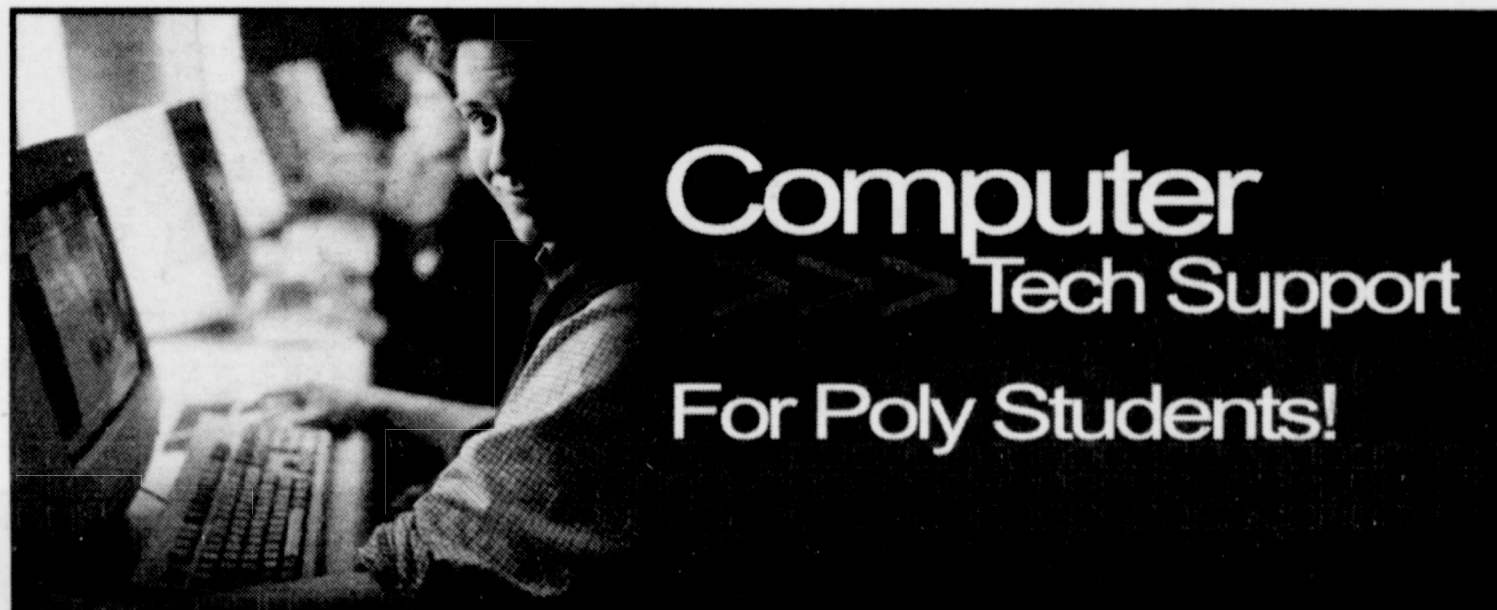
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## STATE NEWS

**SANTA CRUZ** — Plans to expand University of California, Santa Cruz — adding another 6,000 students and 2,000 faculty and staff — have city officials concerned the city's character and livability will be lost.

Critics said the impact of traffic, a housing squeeze and water demands will be enormous.

"A lot of us are nervous that the

regents that control this process, very far away, are just going to make a finding of overriding considerations," Mayor Mike Rotkin said.

**LOS ANGELES** — A Nigerian man was sentenced Thursday to 16 months in prison after pleading no contest to charges that he participated in a massive identity theft scheme involving stolen consumer information from data warehouse ChoicePoint Inc.

Los Angeles County prosecutors

said the case against Olatunji Oluwatosin, 41, was part of a "much larger investigation" into allegations of fraudulent access to the data-gathering company's personal information database.

**SAN FRANCISCO** — A man barely escaped serious injury Thursday after a lit cigarette he tried to toss out the window while driving across the Bay Bridge blew back in and ignited the vehicle, according to the Highway Patrol.

The unidentified man was driving westbound at about 10:40 a.m. when he tossed the cigarette out the window of his Ford Expedition, said CHP Officer Shawn Chase. Carried by the wind, the cigarette landed in his back seat and burst into flames.

The man quickly pulled to the side of the road, and leapt from the flame-filled SUV, which continued rolling into a guard rail, Chase said.

—Associated Press

## IN OTHER NEWS

**WELLINGTON, New Zealand** — An environmental protester facing indecent exposure charges arrived at Auckland's District Court naked — but dressed before he entered the courtroom Thursday.

Computer technician Simon Oosterman, 24, was charged during the Auckland Naked Bike Ride last Sunday, an event he organized to protest society's dependence on the car.

When Oosterman was stopped by police during the naked bike ride, other protest riders covered the lower parts of their bodies to avoid arrest.

Oosterman and three supporters — two men and a woman — stood outside the courthouse naked on Thursday holding a banner reading: "Stop indecent exposure to vehicle emissions."

He then went inside and headed up the escalator, still naked, toward the courtroom.

But he donned his clothes before entering court, where he pleaded not guilty and was released to reappear on March 21.

Outside court, Oosterman said he would fight the charge as public nudity was "different from indecent exposure."

"The purpose of the protest was to draw attention to the issue of transport emissions," he said.

"There has to be a distinction between people flashing (nude bodies at) young girls and public nudity, which is benign," he added.

—Associated Press

## NATIONAL NEWS

**WASHINGTON** — Increasing Social Security taxes for the wealthiest Americans could raise more than \$100 billion a year — enough to shore up the retirement system's finances for 75 years, pay for President Bush's plan for private accounts or part of each. As it is, only the first \$90,000 of a workers' wages are subject to the tax, but Bush says he's willing to consider

changing that.

**WASHINGTON** — Congress sent President Bush legislation Thursday aimed at discouraging multimillion-dollar, class-action lawsuits by having federal judges take them away from state courts, a victory for conservatives who hope it will lead to other lawsuit limits.

The legislation the House passed, 279-149, is the first of Bush's 2005 legislative priorities to win congressional approval. The Senate voted

72-26 for the bill Feb. 10.

The president has described class-action suits as often frivolous, and businesses complain that state judges and juries have been too generous to plaintiffs.

**SOUTH SALT LAKE, Utah** — A heavily-armed man was holed up inside a suburban home Thursday after firing warning shots to keep officers away. The standoff forced two nearby schools to lock down.

The man's estranged wife called police and said he was alone in a pickup truck outside the couple's house. The man was intoxicated and suicidal, she told police. The man never directly threatened police but pointed a gun at a family friend, warning him off, Police Sgt. Steve Daniels said. He eventually went inside his home, where officers were trying to talk with him by phone and with a bullhorn.

—Associated Press

## INTERNATIONAL NEWS

**JERUSALEM** — Hundreds of Jewish settlers took first steps Thursday to leave their homes in the Gaza Strip, a day after Israel's parliament approved \$871 million in compensation for them, the final legislative hurdle for Prime Minister Ariel Sharon's withdrawal plan.

Many of the 9,000 settlers to be removed from their homes under the plan had strongly opposed the

bill, hoping a defeat in parliament would scuttle the program to withdraw from Gaza and four West Bank settlements.

**BAGHDAD, Iraq** — Iraq's electoral commission Thursday certified the results of the country's Jan. 30 elections and allocated 140 National Assembly seats to the United Iraqi Alliance, giving the Shiite-dominated party a majority in the new parliament.

**BEIJING** — China is sending a top communist party official to North Korea this week, the government said Thursday, amid renewed efforts to get Beijing's longtime ally to resume stalled talks on its nuclear weapons program. Top negotiators from the United States and South Korea were in Beijing seeking China's help on persuading the North to return to multination nuclear talks suspended in June.

**WARSAW, Poland** — In his new

book, Pope John Paul II for the first time described publicly the moments after he was gravely wounded in 1981, saying he was fearful and in pain, but had "a strange feeling of confidence" that he would live.

The book, a copy of which was obtained Thursday by The Associated Press, the Polish pontiff also said his would-be assassin, Mehmet Ali Agca, "understood that above his power — the power of shooting and killing — there is a greater power."

—Associated Press

# Religious Directory

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*The Temple belongs to the Jodo Shinshu tradition of Pure Land Buddhism.*

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### Directions from Cal Poly:

Go South on Hwy 101; exit right at See Canyon / San Luis Bay Dr.; make an immediate left turn onto Ontario Rd. (which runs parallel to freeway); go 1/2 mile and turn right into last driveway before bridge, next to the Bob Jones Bike Trail.

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# Perkins loans may disappear

If Congress approves Bush's budget, many of the nation's low-income students will be forced to take out private loans

Erin Calandriello  
DAILY ILLINI

CHAMPAIGN, Ill. — Perkins loans, which provide a low-interest source of income for more than 1,000 University of Illinois students, would be eliminated entirely during the next 10 years under President George W. Bush's proposed budget.

The program, which started in the 1950s, provides undergraduate students with loans of up to \$4,000 per year and graduate students with up to \$6,000 per year. Last year, 1,557 University students received approximately \$2.5 million through the Perkins loans, said Daniel Mann, director of financial aid.

The funds from the current Perkins Loan program would be shifted to the Pell Grant program, which has a budget shortfall of \$4.3 billion. Last month, President Bush announced that he would try to increase the maximum Pell Grant award by \$100 per year for the next five years to \$4,550.

"The University is fully supportive of the Pell Grant program," Mann said. "Yet, it should not take away from the Perkins loans."

If passed, students would continue to receive Perkins Loans through next year, Mann said.

If Perkins loans are eliminated, the university would provide other options to compensate students for the loss — such as jobs, institutional loans or scholarships, Mann said.

"I hope it doesn't come down to all financial aid being eliminated," he said. "It would force low- and middle-income families to look at cheaper options such as community colleges. Our school would prefer for this not to occur."

President Bush's budget proposal

now goes before Congress for approval. In the past, several presidents have tried to eliminate the Perkins loan program, but all such attempts have not been approved, said William Ehrich, associate director of financial aid at Indiana University-Bloomington.

"In fact, the only president who ever liked the Perkins loan (program) was the man who started it, Dwight Eisenhower, in 1958," Ehrich said.

Mann and several other Big Ten financial directors

said that this latest threat to the program would also fail.

"We think it's a bad idea, but to be honest, I think the plan is dead in the water because there is a lot of opposition in Congress, even from Republicans like Rep. John Boehner (R-Ohio)," said Steve Van-Ess, director of financial aid at the University of Wisconsin-Madison, referring to the House Education Committee chairman.

"I don't think it will slide because there are too many students disadvantaged by the proposal." "We will still be able to serve almost as many students next year as we do currently with Perkins loans," Mann said. "The university plans on contacting legislators and telling them the program must be saved because many students depend on it."

If the proposal passes, many students who depend on the Perkins loans could face negative consequences. "I would have to take out private loans, which are more expensive to pay back, or I would have to live with my parents and attend a commuter school," said Janet Strain, senior in LAS.

"I would have to take out private loans, which are more expensive to pay back, or I would have to live with my parents and attend a commuter school," said Janet Strain, senior in LAS.

"I think we need more financial aid, not less. Considering a college degree is now equal to a high school degree, I need to attend graduate school so I'm going to be dependent on loans for the next four years," Strain said.

While University of Illinois would lose \$2.5 million, other schools would be hit even harder if the program is scrapped.

The University of Iowa received more than \$4 million from the program last year, according to Mark Warner, director of financial aid at the University of Iowa.

Van-Ess said Wisconsin students received more than \$10 million last year.

Warner echoed Mann's comments that the money

should not be taken away from the Perkins Loan to rescue the Pell Grant program.

"We'll never get in Pell Grants what we get in Perkins loans — there's just no way to counteract \$17 million," said Pamela Fowler, director of financial aid at the University of Michigan, referring to the amount of Perkins loan money given to Michigan students last year.

"It just doesn't seem quite logical to take away from one financial aid program to fund another," said Ralph Hosterman, director of financial aid at Penn State University. "It's a short-term solution for a long-time problem."

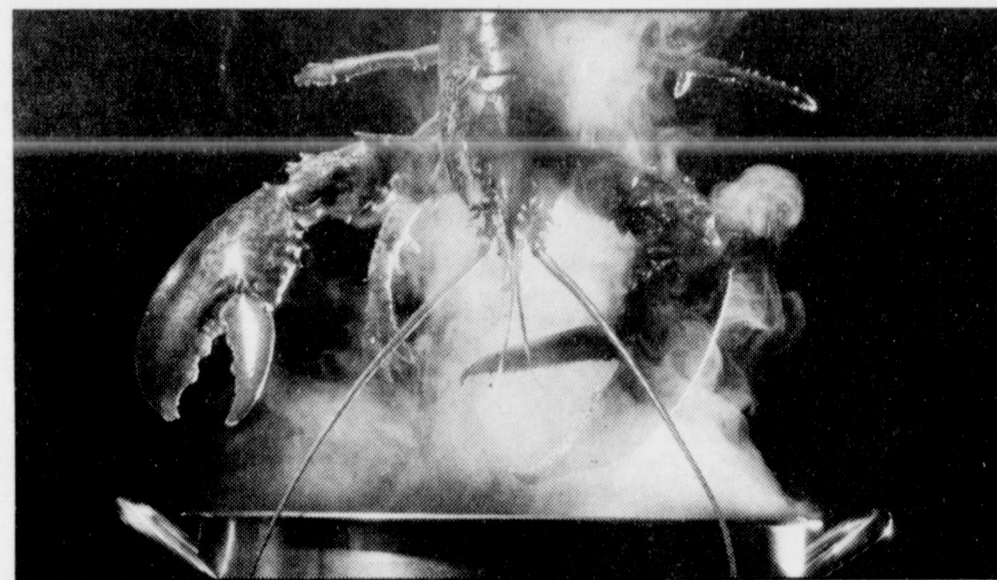
Hosterman said if the proposal passes, there is nothing to compensate for the loss of the Perkins Loan program.

"Low-income students will take the brunt of this decision because they won't be able to afford it," Hosterman said.

*"It just doesn't seem quite logical to take away from one financial aid program to fund another. It's a short-term solution for a long-time problem."*

— RALPH HOSTERMAN  
Penn State financial aid director

# Study: Lobsters unlikely to feel pain in boiling water



ASSOCIATED PRESS

A lobster is lowered into a pot of boiling water on Feb. 11, 2005, in Freeport, Maine.

Clarke Canfield  
ASSOCIATED PRESS

PORTLAND, Maine — A new study out of Norway concludes it's unlikely lobsters feel pain, stirring up a long-simmering debate over whether Maine's most valuable seafood suffers when it's being cooked.

Animal activists for years have claimed that lobsters are in agony when being cooked, and that dropping one in a pot of boiling water is tantamount to torture.

The study, funded by the Norwegian government and written by a scientist at the University of Oslo, suggests lobsters and other invertebrates such as crabs, snails and worms probably don't suffer even if lobsters do tend to thrash in boiling water.

"Lobsters and crabs have some capacity of learning, but it is unlikely that they can feel pain," concluded the 39-page report, aimed at determining if creatures without backbones should be subject to animal welfare legislation as Norway revises its animal welfare law.

Lobster biologists in Maine have maintained for years that the lobster's primitive nervous system and underdeveloped brain are similar to that of an insect. While lobsters react to different stimuli, such as boiling water, the reactions are escape mechanisms, not a conscious response or an indication of pain, they say.

"It's a semantic thing: No brain, no

pain," said Mike Loughlin, who studied the matter when he was a University of Maine graduate student and is now a biologist at the Maine Atlantic Salmon Commission.

The Norwegian report also reinforces what people in the lobster industry have always contended, said Bob Bayer, executive director of the Lobster Institute, a research and education organization in Orono.

People for the Ethical Treatment of Animals, an animal rights organization based in Norfolk, Va., has made lobster pain part of its Fish Empathy Project, putting out stickers and pamphlets with slogans such as "Being Boiled Hurts. Let Lobsters Live." Group supporters regularly demonstrate at the Maine Lobster Festival in Rockland.

PETA's Karin Robertson called the Norwegian study biased, saying the government doesn't want to hurt the country's fishing industry.

"This is exactly like the tobacco industry claiming that smoking doesn't cause cancer," she said.

Robertson said many scientists believe lobsters do feel pain. For instance, a zoologist with The Humane Society of the United States made a written declaration that lobsters can feel pain after a chef dismembered and sauteed a live lobster to prepare a Lobster Fra Diavolo dish on NBC's "Today" show in 1994.

It's debatable whether the debate will ever be resolved.

# Fewer college applicants choose to indicate race

Devon Rood  
CAVALIER DAILY

CHARLOTTESVILLE, Va. — When applying for college, students have the option of revealing their racial or ethnic identity on their applications. According to a 2003-04 report by the American Council on Education, fewer students nationwide are exercising this option.

The report, "Minorities in Higher Education," released Tuesday, indicated that the number of college students has doubled in the past decade while the number of students choosing to not reveal their race or ethnicity also has increased.

"It's hard to say whether that's a good thing or a bad thing," Student Council President Noah Sullivan said.

Students may identify themselves on the university's online application as one of the following categories:

American Indian or Alaska Native, Asian Black or African American, Hispanic or Latino, Native Hawaiian or Pacific Islander or white. "Not specified" and "Unclassified" also are options.

The application states that those wishing to check more than one category should submit a paper application.

Sullivan indicated that if fewer students choose to indicate their identity it might be more difficult for the admissions office to ensure diversity, as he said he considers race and ethnicity as one way to help ensure diversity in general.

There are a variety of explanations for why students may not indicate their race or ethnicity.

"Maybe just they just want to get credit for what they've done and not who they are," Latino Student Union President Angie Ferrero said.

Ferrero also suggested that students may be afraid of discrimination in admissions decisions.

Despite fewer students stating their racial or ethnic identity, the report also indicated that minority enrollment in colleges throughout the country has increased.

The number of Hispanic college students has increased by 600,000 in the past decade, black students by 500,000 and Asian-American students by 300,000.

The report attributed the 4.6 percent decline in white student enrollment to lower birth rates among whites. The number of degrees issued to African-American, Hispanic, American-Indian and Asian-American students has doubled in the past decade, according to the report. The University's Office of Admission could not be reached for comment at press time Wednesday.



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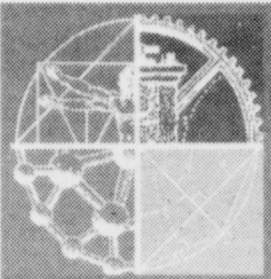
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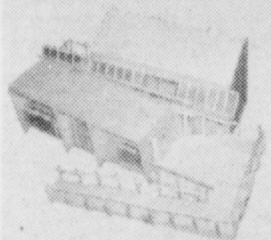
Page E-2



C A L P O L Y

# College of Engineering

**NATIONAL ENGINEERS WEEK • FEBRUARY 20-26, 2005**



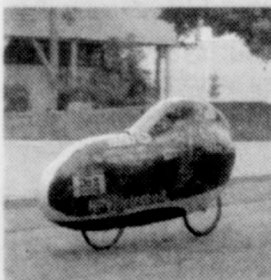
Cal Poly  
Engineering  
students to  
participate in  
national Solar  
Decathlon  
contest in  
Washington,  
D.C. this  
fall

Page E-5



Cal Poly SWE  
chapter named  
best in the  
nation —  
again!

Page E-7



Human  
Powered Vehicle  
Club sets  
speed record

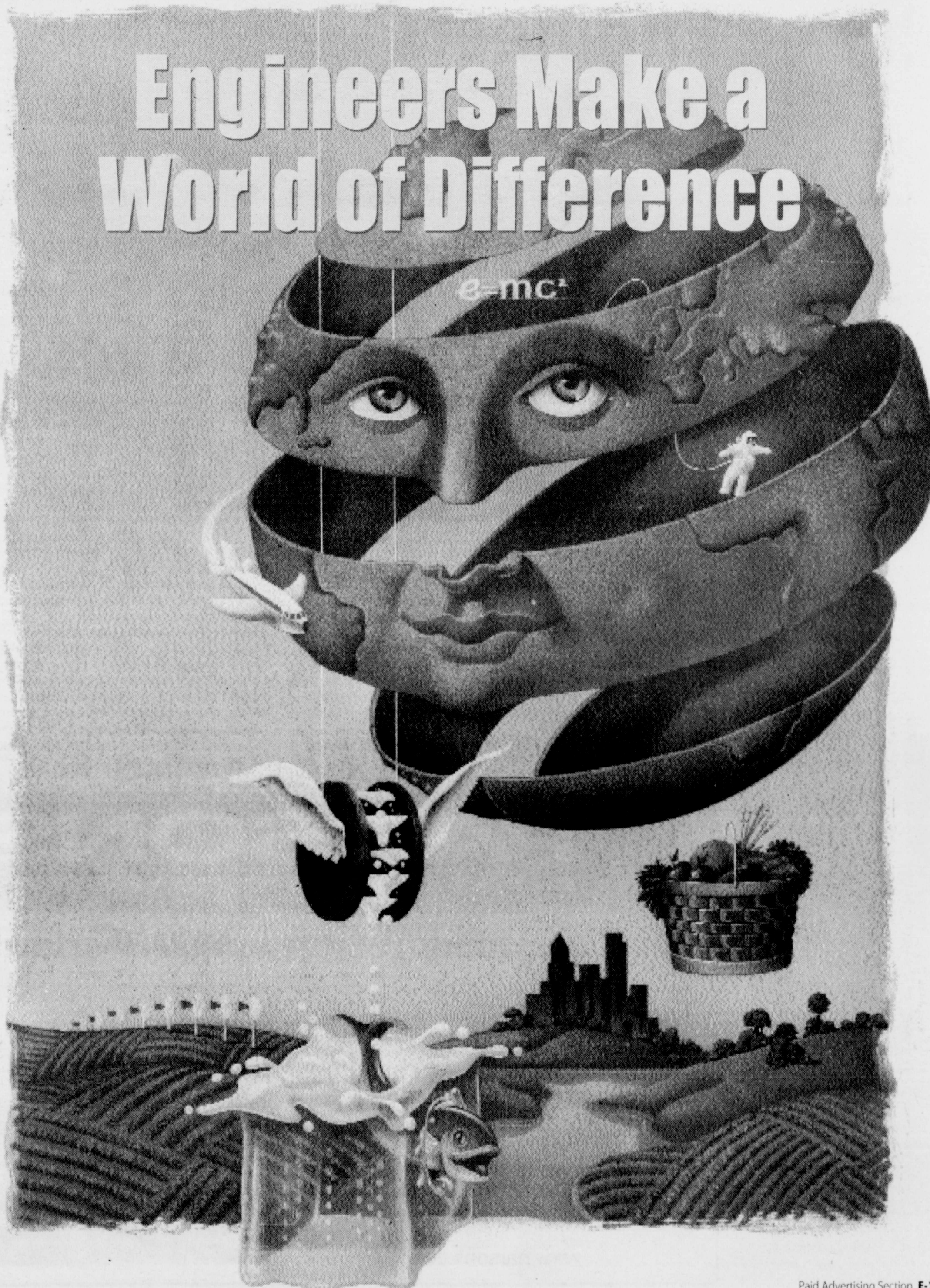
Page E-6



Cal Poly's  
Society of  
Hispanic  
Engineers  
chapter wins  
national design  
award

Page E-4

## Engineers Make a World of Difference







College of Engineering  
CAL POLY

**NATIONAL ENGINEERS WEEK**  
February 20-26, 2005



## 2005 National Engineers Week Schedule

### Monday, Feb. 21

- Washington's Birthday (Observed)
- Tenaya Hall Redecorating (Tenaya Hall will be redecorated in accordance with this year's theme: "Extreme Engineering")

### Tuesday, Feb. 22

- SWE 4th Grade Outreach 9:30 a.m.-2:30 p.m., Area Schools (SLO County students learn about engineering through hands-on activities)
- Softball vs. the Professors 11 a.m., Sports Complex
- Free McPhees! 6 p.m.-9 p.m., University Union (Free bowling, pool, pizza, soda and games!)
- N.E.W. Booth - Free Stuff! 9 a.m.-3 p.m., Dexter Lawn (Come visit us all week long for free popcorn and soda on Dexter Lawn!! The NEW shirts and CENG sweat shirts will also be on sale all week at the booth!)

### Wednesday, Feb. 23

- Retired Faculty & Staff Forum: Cal Poly into the 21st Century 9 a.m., ATL
- SWE 4th Grade Outreach 9:30 a.m.-2:30 p.m., Area Schools
- Olympic Bowl Club Competition 11 a.m., TBD
- MEP Awards Banquet & Corporate Social 6 p.m.-9 p.m., ATL
- N.E.W. Booth - Free Stuff! 9 a.m.-3 p.m., Dexter Lawn

### Thursday, Feb. 24

- SWE 4th Grade Outreach 9:30 a.m.-2:30 p.m., Area Schools
- Career Symposium 10 a.m.-3 p.m., REC Center
- Faculty Coffee Break 9:30 a.m.-10:30 a.m.
- Pie Your Professor 11 a.m., Dexter Lawn
- Engineering Club Fair at Farmers' Market 6 p.m.-9 p.m., Farmers' Market Downtown San Luis Obispo
- N.E.W. Booth - Free Stuff! 9 a.m.-3 p.m., Dexter Lawn

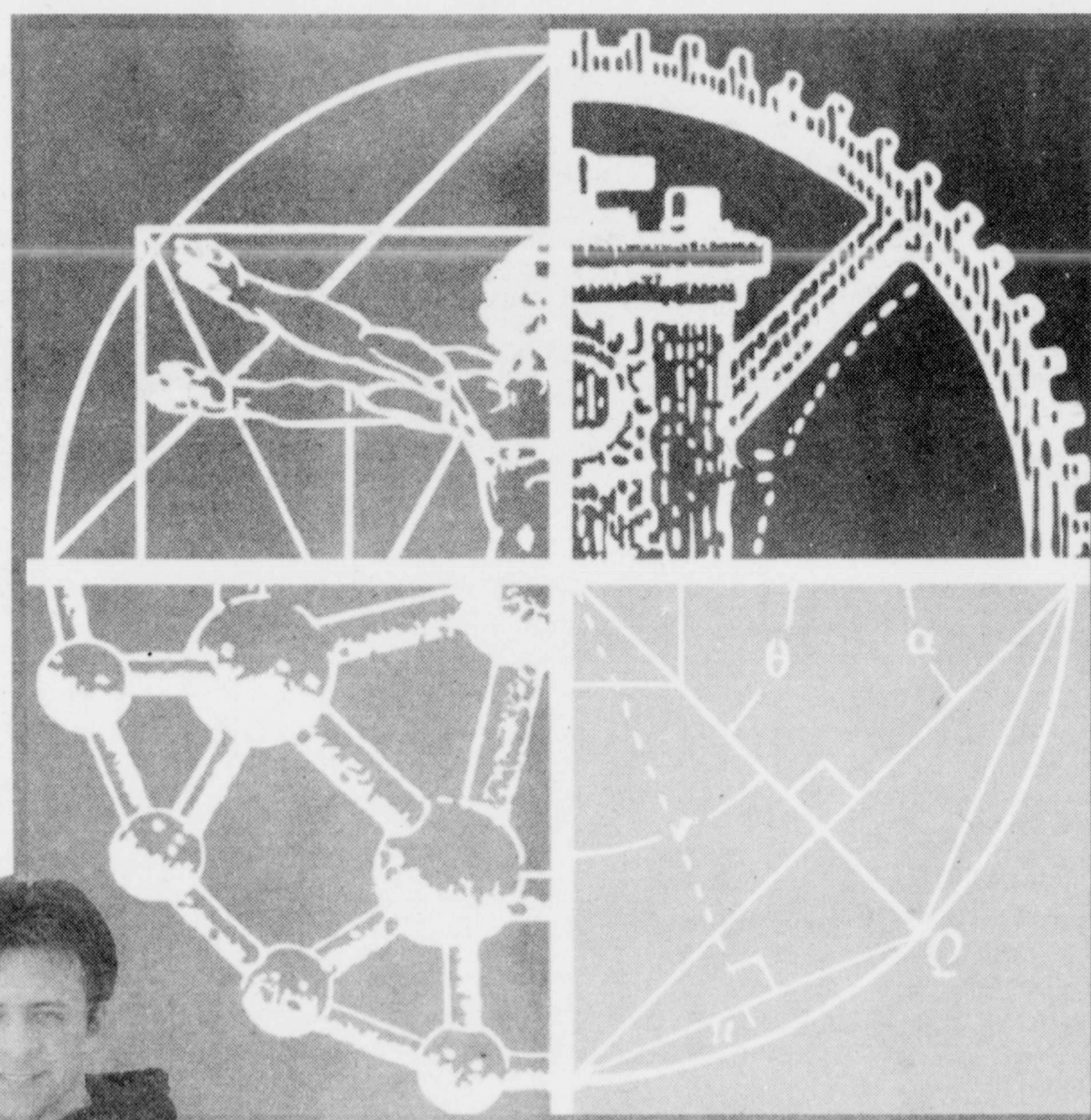
### Friday, Feb. 25

- Free Breakfast 7:45-9:45 a.m., Veranda Cafe (Free breakfast for all engineers!)
- SWE 4th Grade Outreach 9:30 a.m.-2:30 p.m., Area Schools
- Scholarship Luncheon 11:30 a.m., ATL
- SWE Evening with Industry 6 p.m.-10 p.m., Embassy Suites
- N.E.W. Booth - Free Stuff! 9 a.m.-3 p.m., Dexter Lawn

# Why we celebrate National Engineers Week



Zach Dean, left, and Josh Chekis, Cal Poly Mechanical Engineering students, are co-commissioners of National Engineers Week activities on campus.



[www.eweek.org](http://www.eweek.org)

*"Bottom line is we hope the week is fun. The free food and other activities are geared to recognise and honor every engineering student on campus."*

"Celebrating the role of engineers in everyone's daily lives and recognizing engineering students for their hard work are two important reasons for National Engineers Week," says Cal Poly Mechanical Engineering student **Zach Dean**, co-commissioner with **Josh Chekis** of Poly's N.E.W. activities. "It's easy to forget that everything we touch has been engineered by someone."

In addition to celebrating engineers, N.E.W. offers an opportunity to show a new generation of elementary students the incredible variety of engineering career choices available. An important activity during the week is the outreach program by Cal Poly's Society of Women Engineers chapter, which coordinates hands-on presentations to fourth-graders at local elementary schools.

Other N.E.W. activities (see schedule at left) include free food, bowling and pool at McPhee's, a softball game versus CENG faculty, a College of

Engineering booth at Farmer's Market in Downtown San Luis Obispo and a chance to "pie your professor."

"Bottom line is we hope the week is fun," says Chekis, also an ME student. "The free food and other activities are geared to recognise and honor every engineering student on campus."

Founded in 1951 by the National Society of Professional Engineers, N.E.W. is a formal coalition of more than 70 engineering, education, and cultural societies, and more than 50 corporations and government agencies. N.E.W. aims to motivate youth to pursue engineering careers by promoting the importance of a technical education and a high level of math, science, and technology literacy among parents, teachers and students.

Engineers Week 2005 is chaired by the American Society of Mechanical Engineers (ASME) and lists British Petroleum, Boeing, General Electric and Siemens among its sponsors.

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Cal Poly Mechanical Engineering students and faculty working on SuperMileage vehicles include, from left: David Ulrich, professor George Delagrammatikas, David Gaylord, Jason Kempenaar and Joshua Kempenaar.

## Mileage may vary

Cal Poly club studies advanced automotive technology

Should gasoline prices rise along with the outside temperatures this summer, it won't effect the pocketbook of one Cal Poly automotive club quite as much as some of the others. The SuperMileage Team has plans to make \$3 a gallon gas irrelevant.

"Our goal is a vehicle that gets 2,000 miles a gallon," says Mechanical Engineering student and SuperMileage team member **David Gaylord**. "That's high, but the highest miles per gallon vehicle in the country last year was up around 1,7000, so we're aiming higher."

The SuperMileage Team, one of the College of Engineering's oldest vehicle clubs, is committed to designing and building ultra-efficient and environmentally-friendly vehicles. In addition to the sleek, single-person concept "car" that gets better than 1,200 MPG, the club is also working on the next generation of Cal Poly utility and racing vehicles, including hybrid SUVs, and studying alternative fuels like biodiesel.

"The team is currently analyzing a variety of power-train entries slated for a variety of national competitions," ME professor **George Delagrammatikas** says. "While some of these vehicles may look rather ordinary from the outside, a peek under the hood will reveal the difference."

Delagrammatikas says among the many research projects club members are tackling are cutting-edge engine technologies, high-efficiency electric motors, advanced batteries, high-strength and lightweight composite materials, electronic control and mechatronics, streamlined aerodynamic design and hydraulic hybrid systems.

"By developing a common vehicle platform, students apply the automotive industry's best practices in an integrated design curriculum to develop sensible solutions to the increasingly-stringent emissions and fuel consumption regulations placed on vehicles today," he says.



No one knows  
what the future  
will bring.

Except those  
creating it.

## On the road to \$2 million

Polynator team takes on DARPA challenge

"We believe we can win!" asserts Team Cal Poly, which is aiming to do what no other group—public, private, or professional—has done: design and build an autonomous vehicle and then race to the finish over 175 miles of rugged desert terrain.

The \$2 million DARPA Grand Challenge competition was created by the Defense Advanced Research Projects Agency (DARPA) to promote the development of autonomous vehicle technology.

Calling the contest "an unprecedented appeal to Yankee ingenuity," faculty advisor **Art MacCarley** (EE, CPE) explains, "While the ultimate objective is defense-related, the technologies developed will have a multitude of other applications, ranging from the long-fantasized robotic butler to support of anti-terrorist and fire fighting teams."

So far, 125 teams representing 30 states and three foreign countries have registered for the race scheduled to take place October 8, 2005 somewhere in the desert southwest—the exact location won't be announced until hours before the event.

"All the vehicles must be able to navigate, detect, and avoid obstacles autonomously, with no human input," says Team Cal Poly Captain **Pete Cabral**. "Last year, the closest any team came to completing the



course was Carnegie-Mellon, and they only made it seven miles."

So, what will be the secret to Cal Poly's success? "We hope to deploy a novel vision/LIDAR data fusion sensing mechanism that will make close-range autonomous guidance possible with less-sophisticated sensors and control algorithms," says MacCarley.

Thirty or more students are currently working on "Polynator," Cal Poly's DARPA Challenge vehicle. A true multidisciplinary project, Team Cal Poly has nearly equal numbers of EEs, CPEs, MEs and Math and CSC majors as well. Although it sounds daunting, Team Cal Poly is eagerly embracing the challenge.

"It's a great opportunity to pull together classroom and laboratory skills in a practical application, under the pressure of a national contest," says Cabral. "It's also pretty exciting to participate in what may be the largest government-sponsored open technology competition in history."

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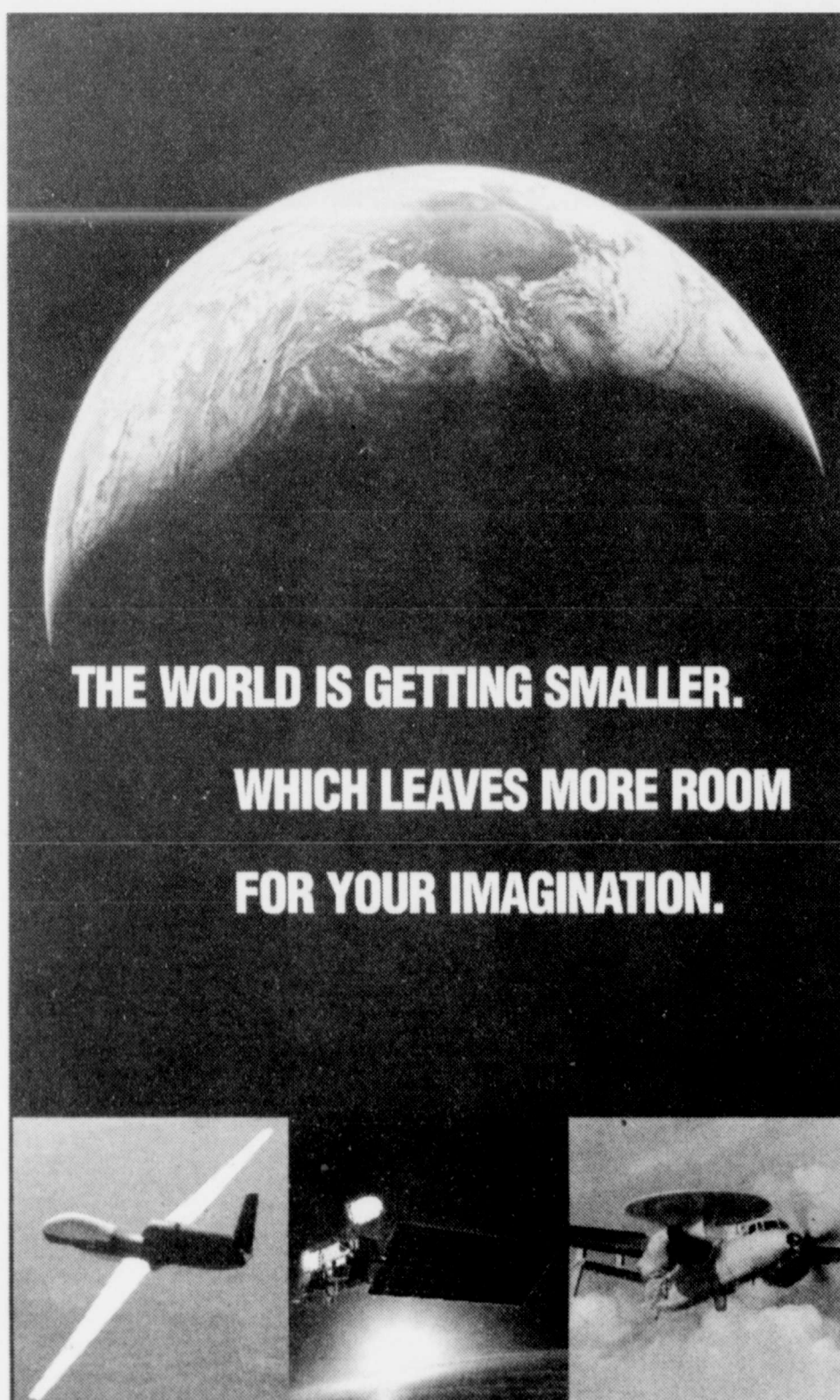
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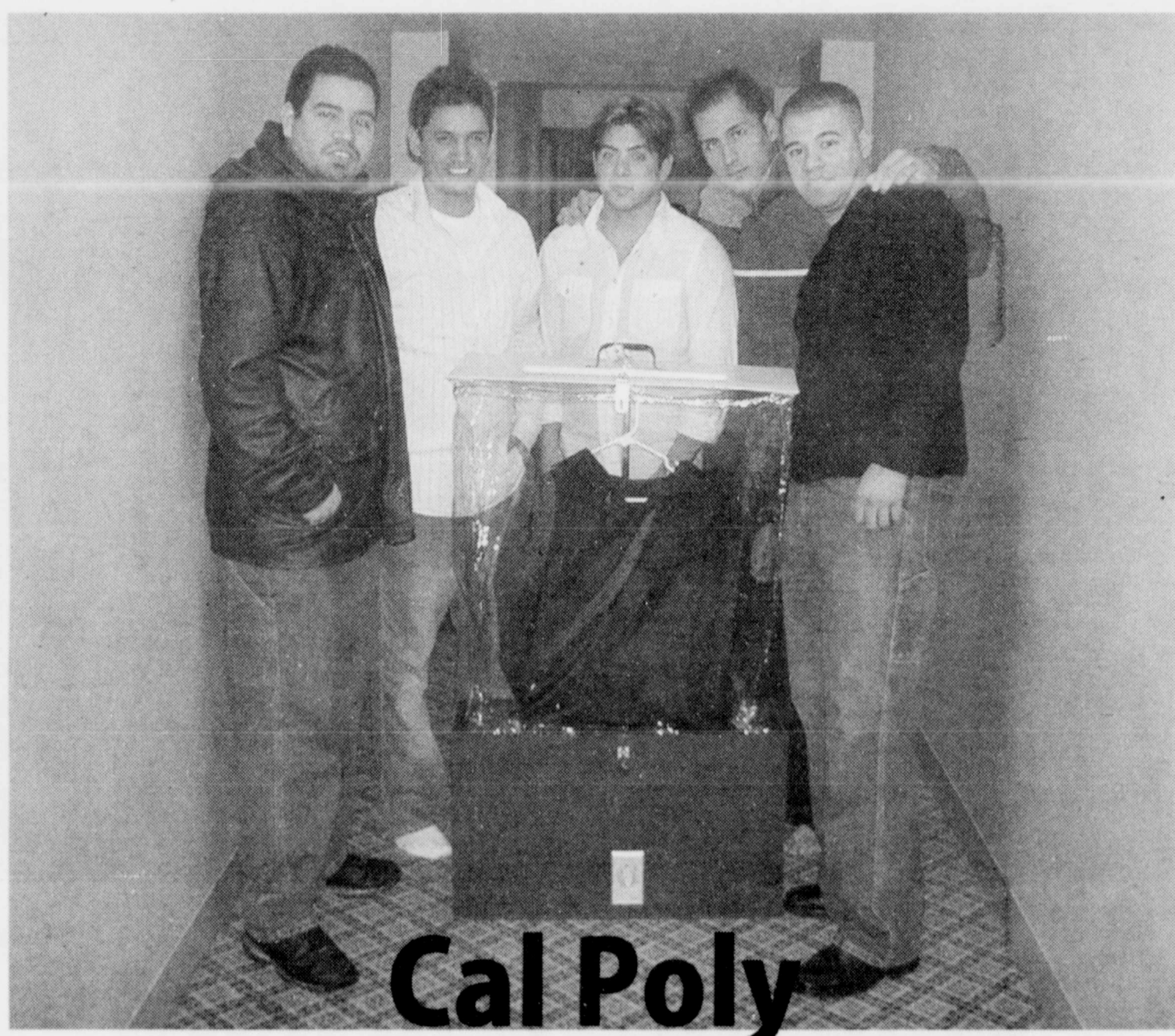


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**Cal Poly**

## SHPE students win third consecutive national design award

For the third consecutive year, Cal Poly's student chapter of the Society of Hispanic Professional Engineers (SHPE) has earned first place in a national design competition.

The SHPE Student Chapter Contest awarded Cal Poly top honors in December at the National Technical Career Conference in Dallas for the Automatic Wrinkle Remover the students designed as a more efficient alternative to the conventional iron. Team members **Abi Arroyo** (M.S. EE); **Martin Barajas**, (EE) **Daniel Gutierrez** (ME); **Manuel Razo** (IT) and **Miguel Trujillo** (ME) designed the device to be easy to use and inexpensive to mass produce.

The wrinkle remover is a vinyl 10-inch by 30-inch by 60-inch box with a telescoping pole for hanging clothing. A steamer at the bottom of the box does the job of removing wrinkles.

"It was a fun project," said Trujillo, the team leader and idea-man for the device. "I got the idea when I was getting ready for an interview and needed to iron a shirt. It's a lot easier than setting up an ironing board."

The students entered the competition because they

Members of Cal Poly's Society of Hispanic Professional Engineers, from left, Daniel Gutierrez, Manuel Razo, Abi Arroyo, Martin Barajas and Miguel Trujillo, display their winning design for an Automatic Wrinkle Remover.

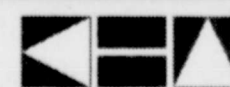
wanted to succeed personally, as well as give the Cal Poly SHPE student chapter some national recognition, Trujillo said. "We worked together as a team to build something from scratch. There's a lot of self-fulfillment in that."

During the contest, the students put clothing in the steamer while they explained its mechanics, economics and practicality to a judging team of business professionals. The students not only demonstrated how the device worked, but showed off their marketing skills and ability to work together as a team. "We had to sell it to the judges," Trujillo said. "We targeted it toward business people — the ones who wear rayon and polyester."

Another Cal Poly team earned a fourth-place award for The Impact Jack, a tool that combines a tire jack with a wrench that will lift 1.5 tons

and operates by wireless remote control. Team members **Flavio Acosta**, **Daisy Cisneros**, **Frank Lopez**, **Ruben Magana**, **Carlos Oropeza** and **Santos Najar** designed the jack as a safe alternative for changing tires on busy highways or on roads with limited shoulders.

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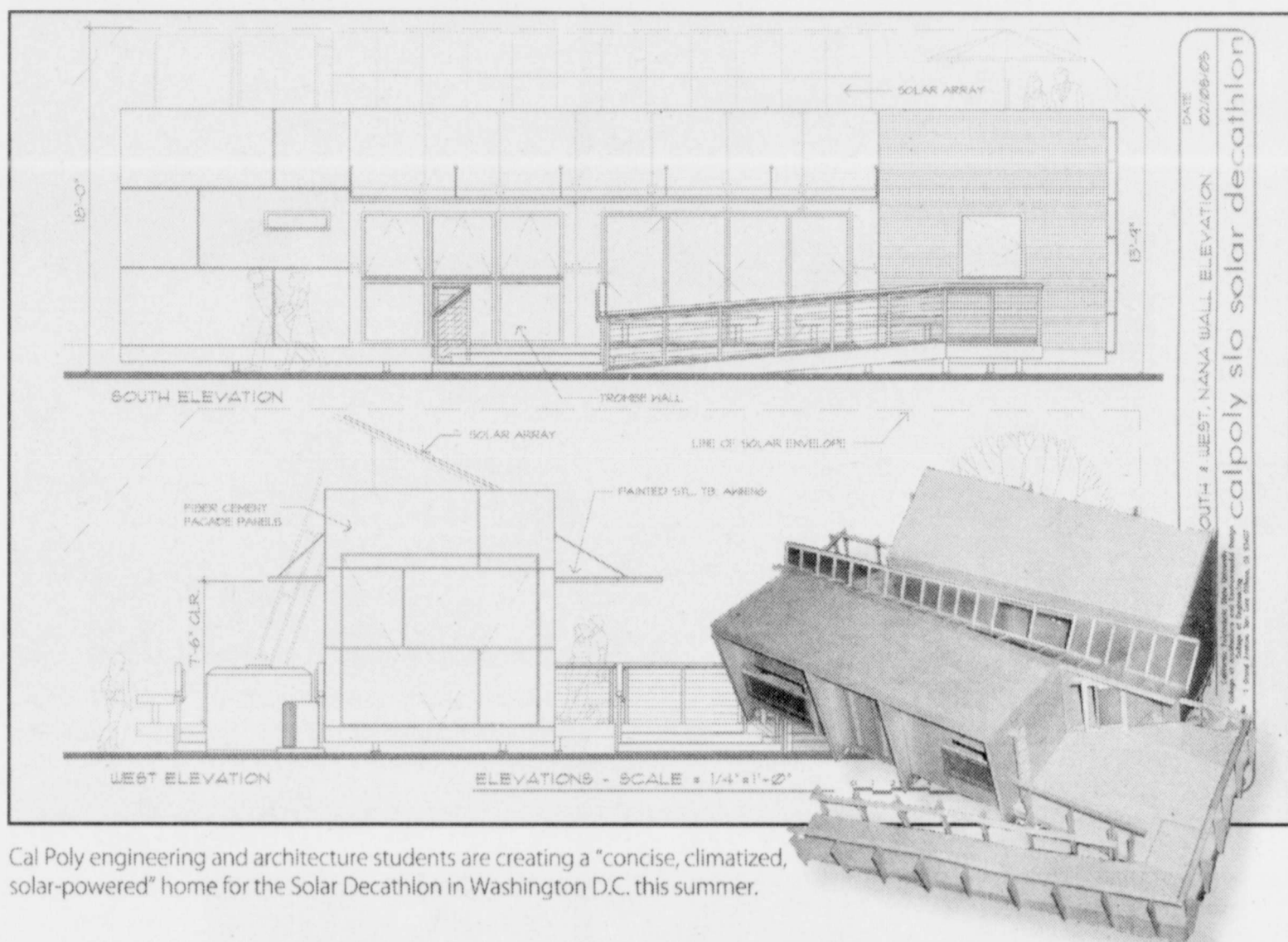
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Cal Poly engineering and architecture students are creating a "concise, climatized, solar-powered" home for the Solar Decathlon in Washington D.C. this summer.

# Designed by Cal Poly, powered by the sun

## 19 universities competing in Solar Decathlon

Next October, Cal Poly and 18 other university teams from around the world will transform the National Mall in Washington, D.C. into a solar village. The Solar Decathlon is an event sponsored by the U.S. Department of Energy in which students compete to design, build, and operate the most attractive, effective, and energy-efficient solar-powered house.

Contest rules require that each house generate enough energy to operate a household, a home-based business and related transportation needs. The team demonstrating the most energy-efficient and innovatively designed house wins.

Cal Poly's house design emerged out of design studios and a design contest. According to the team web site (<http://solardecathlon.calpoly.edu/>) the goal is to create a concise, climatized, modern home: "The aim is to reduce the household's footprint on the land and make the most effective use of space and resources. Simple. Fundamental. Elegant."

"I think the Cal Poly house is unique because it has focused on using conventional technologies to produce a very livable 'zero energy home,'" says faculty advisor **Jesse Maddren** (mechanical engineering). "We have not incorporated high-end technologies in the design of the house because we want to show that this style of living

and the choice to use renewable energy is readily accessible to the everyday consumer."

In contrast to an athletic decathlon, the Solar Decathlon is a team event dependent upon the diverse abilities of its members rather than individual abilities. Cal Poly's participation in the Solar Decathlon has led to the formation of a new student group this year. The

Renewable Energy Club (REC) is a multidisciplinary student organization working to advance and promote renewable energy and energy efficiency for a more environmentally sustainable future. It is open to all students at Cal Poly.

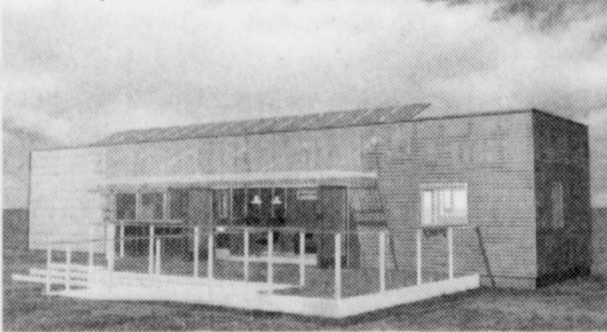
Maddren comments, "The solar home project presents an unprecedented opportunity for faculty and students from across campus to work together, epitomizing the term

'multidisciplinary.' The students have gained valuable experience by working on a design team where all constituents (architects and engineers) are involved from the beginning. Cal Poly is uniquely qualified to participate in this project because of its strengths in engineering and architecture and its strong focus on project-based learning. Cal Poly is 'learn by doing' and so is the Solar Decathlon."


**"The Cal Poly house is unique because it has focused on using conventional technologies to produce a very livable 'zero energy home.'"**

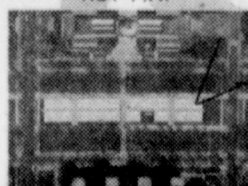
### 2005 SOLAR DECATHLON


California Polytechnic State University, San Luis Obispo  
College of Architecture and Environmental Design  
College of Engineering



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**VICINITY MAP**  


**KEY MAP**  


**CAL POLY**  


The Cal Poly Solar Decathlon entry is being designed by the Renewable Energy Club, a multidisciplinary student organization working to promote renewable energy and more energy efficiency. For more information on the project, see <http://solardecathlon.calpoly.edu/>.

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# Pedal power

Cal Poly's HPV club sprints to victories

The Human Powered Vehicle designed and built in 2004 by the Cal Poly HPV Club was named "Velox Solium," Latin for "fast tub." The 50-pound, front wheel drive vehicle lived up to its name at the American Society of Mechanical Engineers (ASME) HPV Western Challenge, reaching a speed of 43.8 MPH, fastest of the competition.

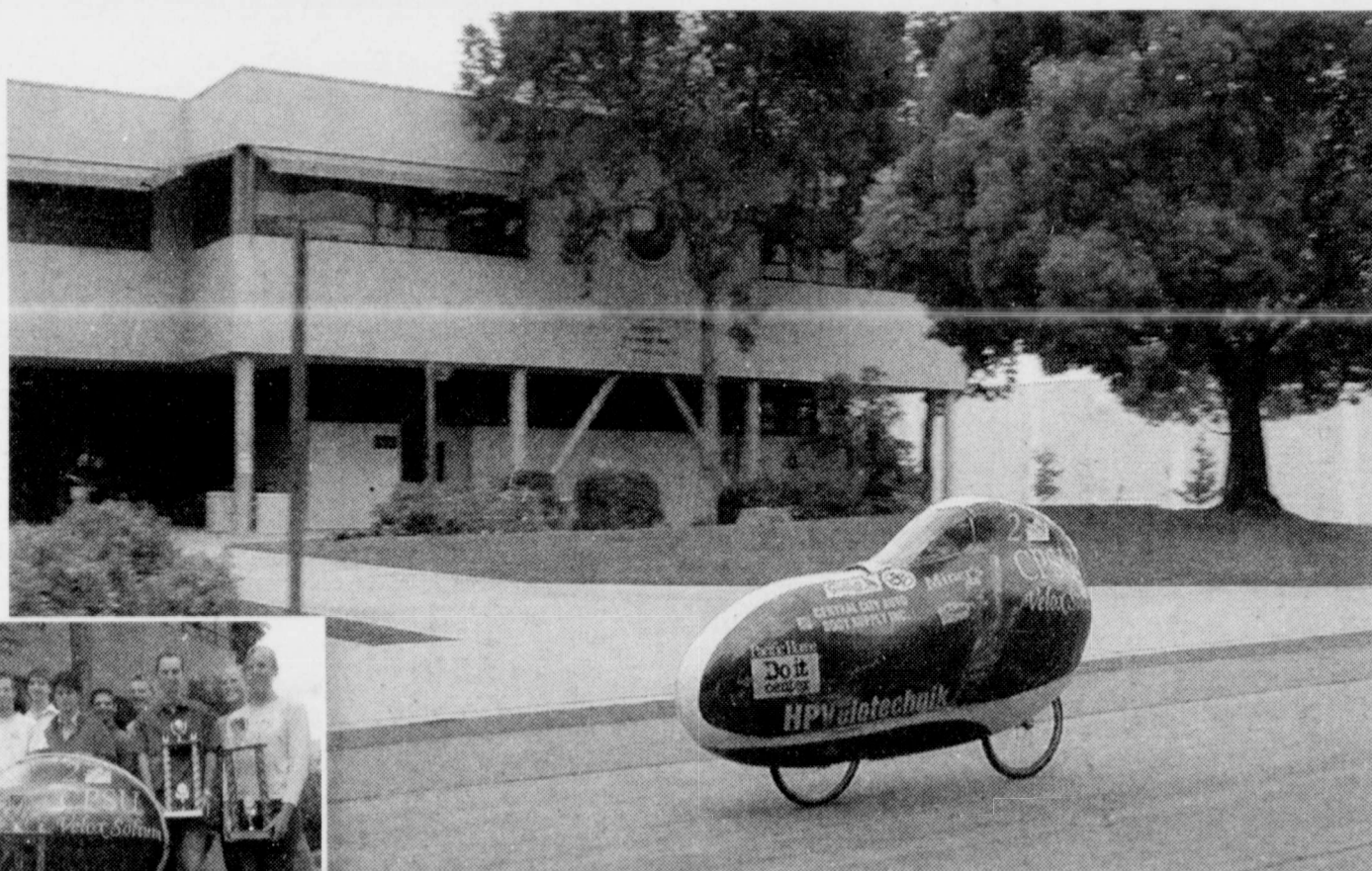
In four of the last five years, Cal Poly's HPV Club has placed in the top four spots in the sprints and the endurance races at the meet. In 2004, Cal Poly again swept the competition, placing 1st in endurance, 1st in men's and women's sprints, and 1st overall.

Human Powered Vehicles are aerodynamic, highly engineered vehicles. ASME sponsors the HPV competition, held this year in Fresno on April 29 - May 1, in hopes of finding a design that

can be used for activities ranging from everyday commuting to going to the grocery store. The vehicles are judged on design, safety and performance.

Consistently a top contender, Cal Poly is one of only three schools that have raced in each ASME competition.

In other Cal Poly HPV Club news, mechanical engineering senior **Ron Layman** set a new Cal Poly record for top speed at the 2004 World Human Powered Speed Challenge in Battle Mountain, Nevada when he furiously pedaled Velox Solium up to 59.89 MPH.



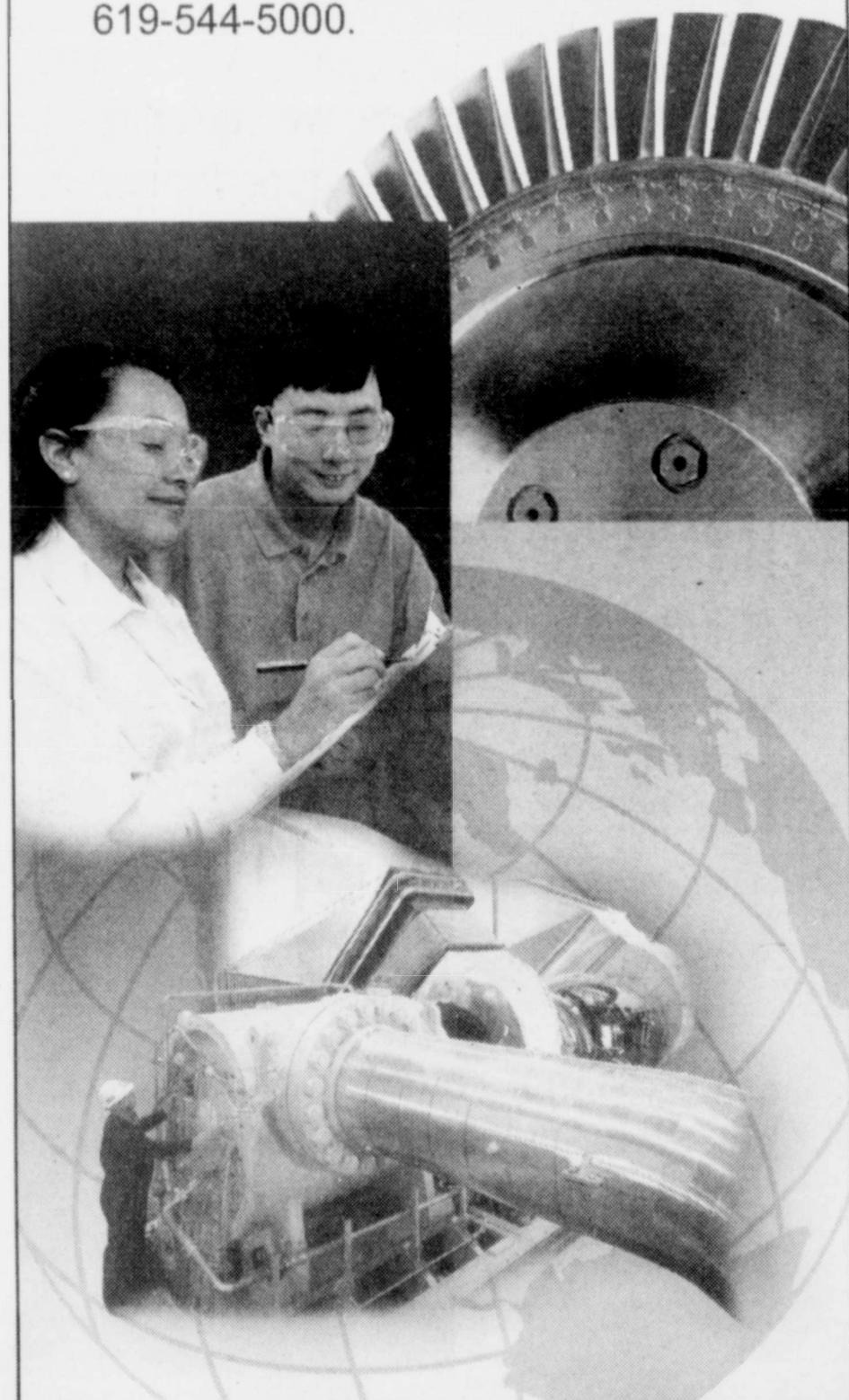
Left: The Cal Poly Human Powered Vehicle Club shows off its 2004 HPV "Velox Solium" and some of their awards from the American Society of Mechanical Engineers Western Challenge. Above: AERO student Ryan Fowler cruises past Building 13 on a test run.

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Cal Poly float glides down Colorado Boulevard in Pasadena during the 2005 Rose Parade. The Cal Poly Rose Parade Float has been a joint project of students at Cal Poly SLO and Cal Poly Pomona since 1949.

## Cal Poly Rose Float:

By any other name, this annual trip down Colorado Boulevard is a great engineering project

What multidisciplinary student project takes a year to design and build, involves scores of students on two university campuses, and is ultimately seen by 50 million Americans and millions more viewers around the world? It's the Rose Parade float, a joint project of students at Cal Poly SLO and Cal Poly Pomona.

Since 1949, a successful team effort between the two campuses has produced 58 consecutive floats for the "Tournament of Roses" parade. Cal Poly is the only university in the nation to submit an entry.

This year's effort was directed by aerospace engineering senior **Jason Toltvar**. Titled "EleFun Time," the float featured a charming elephant family on a bicycle outing. One of the characters orbited around the main float, a "satellite" feature that demanded added engineering. But Cal Poly has long been known as a parade float innovator, having introduced computer controlled animation, use of hydraulic systems for movement, propane for cleaner emissions, front wheel drive, and a modular chassis.

Reflecting on his project experience Toltvar says: "Every float is an experiment. But unlike labs, it MUST work and there's no procedure reference. Classes really come to life when you see structural failures and radical deflections in what seems to be way too much steel for the job. They also come to life when you employ the methods of engineering problem solving. It's not uncommon for the Rose Float team to find a problem and

not know where to go next. That's when you develop a clear statement of the problem and then analyze the possibilities for a solution. Then choose a course of action and test it. Sometimes it works and sometimes not."

According to Toltvar, the payoff for all the long hours put in by the float crew include practical experience ("[the] machining class doesn't even touch that required by the Rose Float..."), collaboration experience ("there's no class at Poly that combines so many different majors for one common goal..."), and real world experience ("learning how to solve problems in real time").

The project also opens doors to future employment and careers; exposure to industry contacts have led many Cal Poly Rose Float volunteers to future employment with companies such as Jet Propulsion Laboratory, Swales Aerospace, and Disney Imagineering.

More than anything, though, Toltvar and his fellow "floaters" take great satisfaction in a job well done: "Maybe the best part is watching your baby pass by on the parade route knowing that literally millions of people are watching and applauding the fantastic job that you've done. Nobody can really understand the attachment that Rose Floaters develop. It's that attachment that gives you something special when you finally step back and gaze on the finished product... absolutely amazed at what you could do in just one year's time."





College of Engineering  
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All smiles: Members of Cal Poly SWE celebrated their Best Student Chapter award at the organization's 2004 national banquet.

## SWE's on top again

Cal Poly chapter named best in the nation

Working with Disney Imagineering on a roller coaster passenger restraint had many more ups than downs for Cal Poly senior **Lindsay Wood**.

"As a materials engineering major, I was really motivated to work on a more hands-on, real-world engineering project than usual and one that involved other disciplines," Woods says. "The entire experience with Disney was great, a real confidence builder, and with four other majors on our team, it provided me with a more well-rounded knowledge of engineering."

Woods was a member of Cal Poly Society of Women Engineers Team Tech, which worked with Disney Imagineering on an improved roller coaster safety restraint system. Their final design was presented at SWE's National Conference in Milwaukee, Wisconsin last October, earning second-place honors in the Team Tech competition.

The second-place finish helped Cal Poly win SWE's Outstanding Student Section in the Nation award for an unprecedented third straight year. Cal Poly also received three other awards at the national conference — Best Multicultural Program, Best Membership Program and Best Career Guidance Audio Visual.

"We were very pleased to win the best student chapter award for the third time," says Cal Poly SWE Director **Helene Finger**. "It's really a testament to the hard work and dedication of our entire membership."

In their final evaluation, SWE judges cited "Cal Poly's many impressive activities throughout the year," which included a partnership with the Society of Hispanic Engineers in presenting a bilingual education program



Members of Cal Poly SWE's Team Tech had a chance to do some "research" on Disneyland's Thunder Mountain Railroad ride. At left: Cal Poly Team Tech's final design for a roller coaster restraint system.

at Pacheco Elementary School in San Luis Obispo.

Walt Disney Imagineering spokesman Eric R. Garcia says he was very impressed with the outcome of their Team Tech sponsorship of Cal Poly.

"The students were timely, professional, and enthusiastic throughout the entire duration of the project and the quality of work, it's thoroughness, and their innovative solution impressed every Imagineer who worked with them," Garcia says. "Their proposed solution will be used as a design base for our Restraint Enhancement Project. WDI has had so much success with Team Tech, that we are going to sponsor Cal Poly SLO's SWE team again. This is the ultimate testament to these student's hard work and dedication — a new relationship between Walt Disney and SWE."

That relationship continues through the 2005 Team Tech competition because Cal Poly SWE is currently working on a service vehicle for a new roller coaster at Disney World in Florida.

"I think for many of the SWE members, working with Disney Imagineering is a dream job," Finger says. "It's hard not to be excited about working on roller coasters."

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## Open House set for April 15-17

Students and prospective students, family and faculty will all be able to dive into the College of Engineering's "Ocean of Opportunity" at the 12th annual Cal Poly

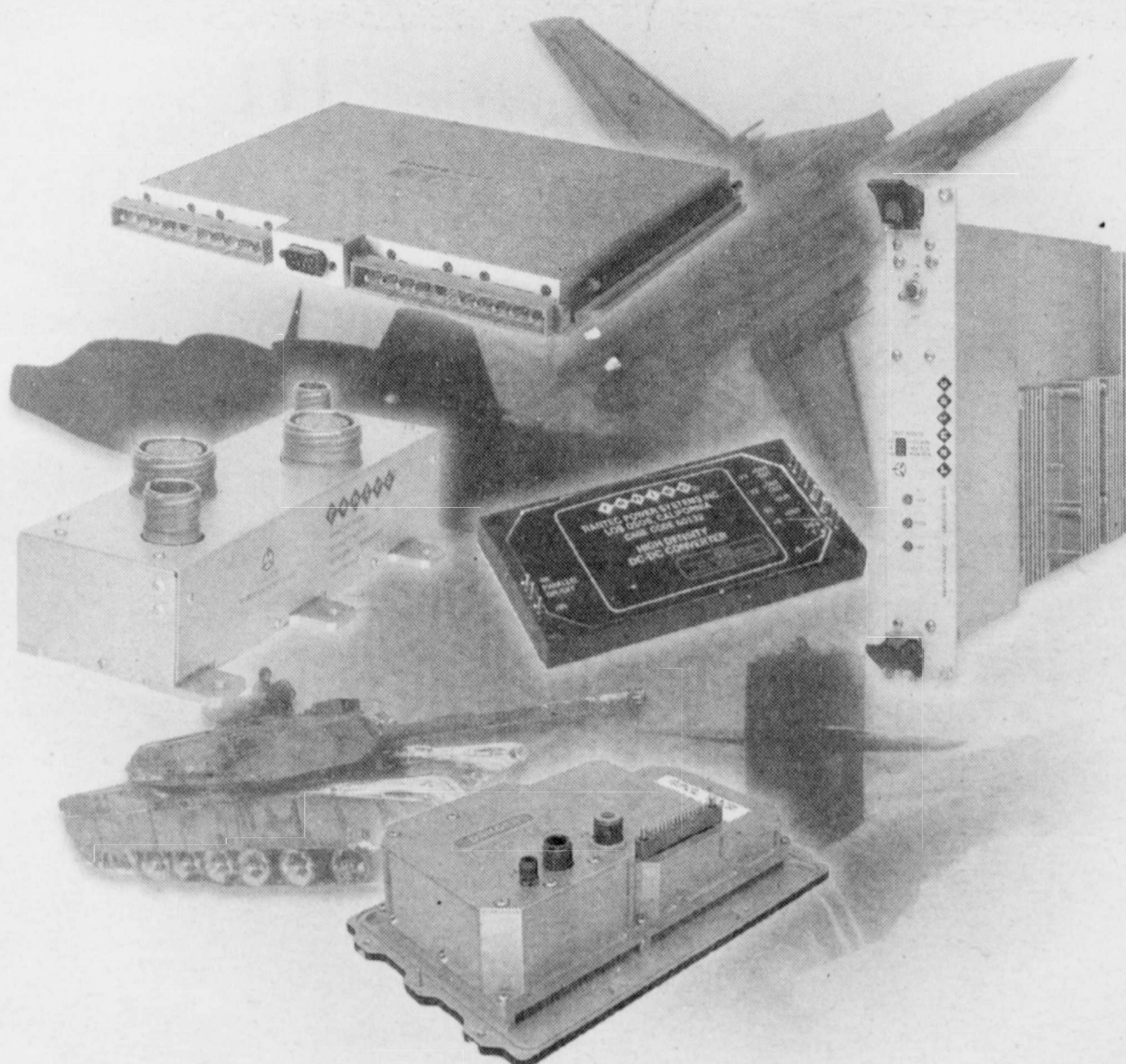
Open House scheduled for April 15-17.

Open House information is available online at <http://orientation.calpoly.edu/openhouse> or by calling (805) 756-2476.





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Senior Environmental Engineering students Eileen Mick, left, and Mike Borger will travel to Thailand this spring to work on an Engineers Without Borders project.

## Making a "world of difference"

**Engineers Without Borders  
chapter starts at Cal Poly**

"It just hit me today—I'm going to Thailand!" says **Eileen Mick**, president of the Cal Poly chapter of Engineers Without Borders (EWB). Over Spring Break, Mick and EWB vice president **Michael Borger**, both environmental engineering members, will travel to the mountain village of Mae Nam Khun, where they will spend a week collecting data to compile a water quality profile.

"The villagers have expressed concern, so we will be looking for pathogens, such as coliform and giardia, and heavy metals, arsenic, lead, mercury; and we'll also check out the water source, distribution system, and end users," explains Mick. "When we get home, the club members—we've got 24 hard-core and twice that number interested—will do the statistical analysis and come up with a solution proposal. We hope to go back to Mae Nam Khun in eight months to implement the solution."

The Cal Poly project is part of a larger EWB effort to expand education in the area by building primary school dormitories. Mick and Borger will join colleagues from the EWB chapter at the University of Seattle, who will undertake the dorm construction, while students from UC Santa Barbara will build a septic system.

New this year at Cal Poly, national Engineers Without Borders (EWB-USA) was established in 2000 to design and implement projects that bring sustainable, long-term benefits to impoverished communities around the globe. The non-profit corporation has quietly grown to become one of the most significant goodwill efforts of the American engineering community. In fact, National Engineers Week 2005 has made Engineers Without Borders a major focus, underscoring the new global thrust of N.E.W.

Closer to home, the Cal Poly EWB members are also involved in monitoring water quality in Morro Bay and looking at the environmental impact of water runoff on campus, especially near the Sierra Vista dorms.

"We're doing a lot with water quality right now," notes Mick, "but EWB is not just for ENVE majors. We've got students from civil engineering, materials engineering, electrical, mechanical, AERO, and biological sciences. Really, EWB is applicable to all students on campus because we're learning how to work with a community and tackle a problem together."

"What I've found is that EWB offers a great opportunity for personal growth and leadership experience. Lots of us think about joining the Peace Corps or other aid organizations when we graduate—if we don't get a job first! But EWB is a way to make a difference now, while you're still in school. We hope anyone interested in sustainable engineering, internationally responsible engineering, will join."

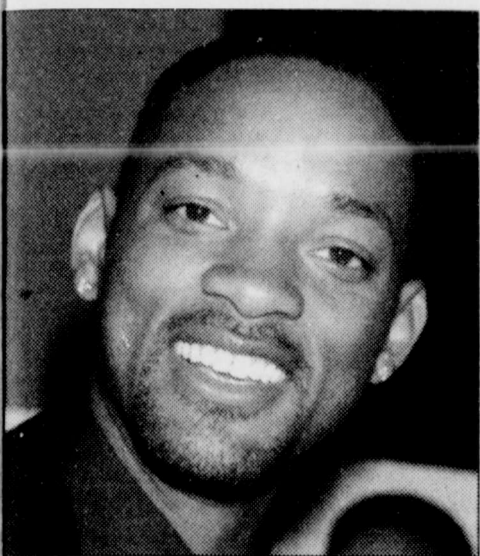
For more information see [www.ewb.calpoly.edu](http://www.ewb.calpoly.edu).

**"EWB is applicable to all students on campus because we're learning how to work with a community and tackle a problem together."**



## PEOPLE IN THE NEWS

What people are doing in the world



ASSOCIATED PRESS

JOHANNESBURG, South Africa — Annie Lennox, Brian May and India.arie will perform at Nelson Mandela's next concert to raise awareness about the AIDS pandemic.

The March 19 event in the Eastern Cape city of George, to be hosted by actor Will Smith, will highlight the plight of women and girls, who are six times more likely than men to become infected here, Mandela said Thursday.

"We do not treat our women with enough dignity and respect," Mandela said. "We must mobilize to act, and act soon, before it is too late."

Since stepping down as South Africa's first black president in 1999, Mandela has championed the cause of AIDS victims, especially in Africa where about 25 million of the world's 40 million HIV-infected people live.

While organizers are still recovering the cost of the first concert, held in Cape Town in November 2003, through CD and DVD sales, they hope this year's more modest event will raise funds for AIDS charities in South Africa.

Mandela's eldest son recently died of an AIDS-related illness.

...

NEW YORK — Christina Aguilera says she was shocked when a Valentine surprise turned into a marriage proposal.

The 24-year-old pop diva says music executive Jordan Bratman, her boyfriend of two years, popped the question at Big Sur, Calif., last Friday after recreating a romantic dinner the two had while touring India in the fall.

"It was unbelievable," Aguilera told *Us Weekly* magazine. "Every cute thing he did, I totally thought was just a Valentine's Day surprise, he got me!"

"He sent me on a scavenger hunt," she said. "My mom used to do scavenger hunts for me when I was a kid, so it had sentimental value. Each clue was a poem, and in the final clue he proposed!"

...

VIENNA, Austria (AP) — Donatella Versace will present a fashion show and appear at the annual Life Ball, a charity gala dedicated to raising funds to fight AIDS.

Organizers hope to raise awareness with the May 21 event at City Hall. The Life Ball, regularly attended by singer Elton John, is known for the extravagant costumes of the thousands of guests.

"We want to give the event a new look, to create new excitement," Versace said Thursday. "We can barely wait to reach our shared goal, \$1.3 million, purely in proceeds for the Life Ball 2005."

Other designers who have presented creations at the Life Ball include Jean Paul Gaultier, J.Paco Rabanne, Vivienne Westwood, Moschino, Missoni and Gianfranco Ferré.

—Associated Press

# Vagina, vagina, vagina (monologues)

Nicole Stivers  
MUSTANG DAILY

Cunt is not a bad word.

Beginning today, "The Vagina Monologues" will prove that and also raise money for the Sexual Assault Response and Protection Center and the Women's Center.

The production, put on by Cal Poly's Women Empowerment Team and the Alpha Epsilon Pi fraternity, is meant to raise awareness to stop violence against women. It will run through Saturday at Chumash Auditorium as part of the V-Day College Campaign.

"This play allows people to learn this in a more open and comfortable environment. When we make subjects taboo, that's when problems are created," said Cait Burkholder, a liberal studies senior and the play's producer.

"The Vagina Monologues," written by Eve Ensler, is based on interviews with more than 200 women about their memories and experiences of sexuality. The play is a compilation of real women's stories of intimacy, vulnerability and sexual self-discovery.

"There are a lot of subjects (presented) that don't come up in normal dialogue," Burkholder said. "One of the greatest things is what people say after (they see) it."

The production is now part of a global movement to stop violence against women and girls. The V-day College Campaign's goal is "to empower women to find their collective voices and demand an end to the epidemic levels of violence and abuse."

Through benefit performances of "The Vagina Monologues," the

campaign is designed to generate attention for the fight to stop worldwide violence against women and girls.

Burkholder encourages everyone to attend, including those who have seen the performance in the past. Last year, actresses came on stage one at a time and performed a monologue as if they were the woman being interviewed. This year, a stage will be set up in the middle of the auditorium with the audience surrounding the action. All 11 of the actresses will be on the stage at the same time.

"It is less about acting and performing and more about finding these women and ourselves," Burkholder said.

Rather than acting out the monologue, the actress will be telling a woman's story to the audience. Burkholder said she thinks the communal story telling style will make the women's experiences more real for the audience.

Topics covered in the monologues include rape, violence against women, sexual discovery and celebrating women's sexuality. A new piece about a transgender, "They Beat the Girl out of me," has been added to this year's production.

"I really enjoy helping put on 'The Vagina Monologues' because it is a great show," said Jeff Pathman, computer engineering sophomore and member of Alpha Epsilon Pi. "You laugh, you're taken aback and you can sense what each character is trying

to portray to you in your very own way."

Burkholder said WET has faced a lot of opposition

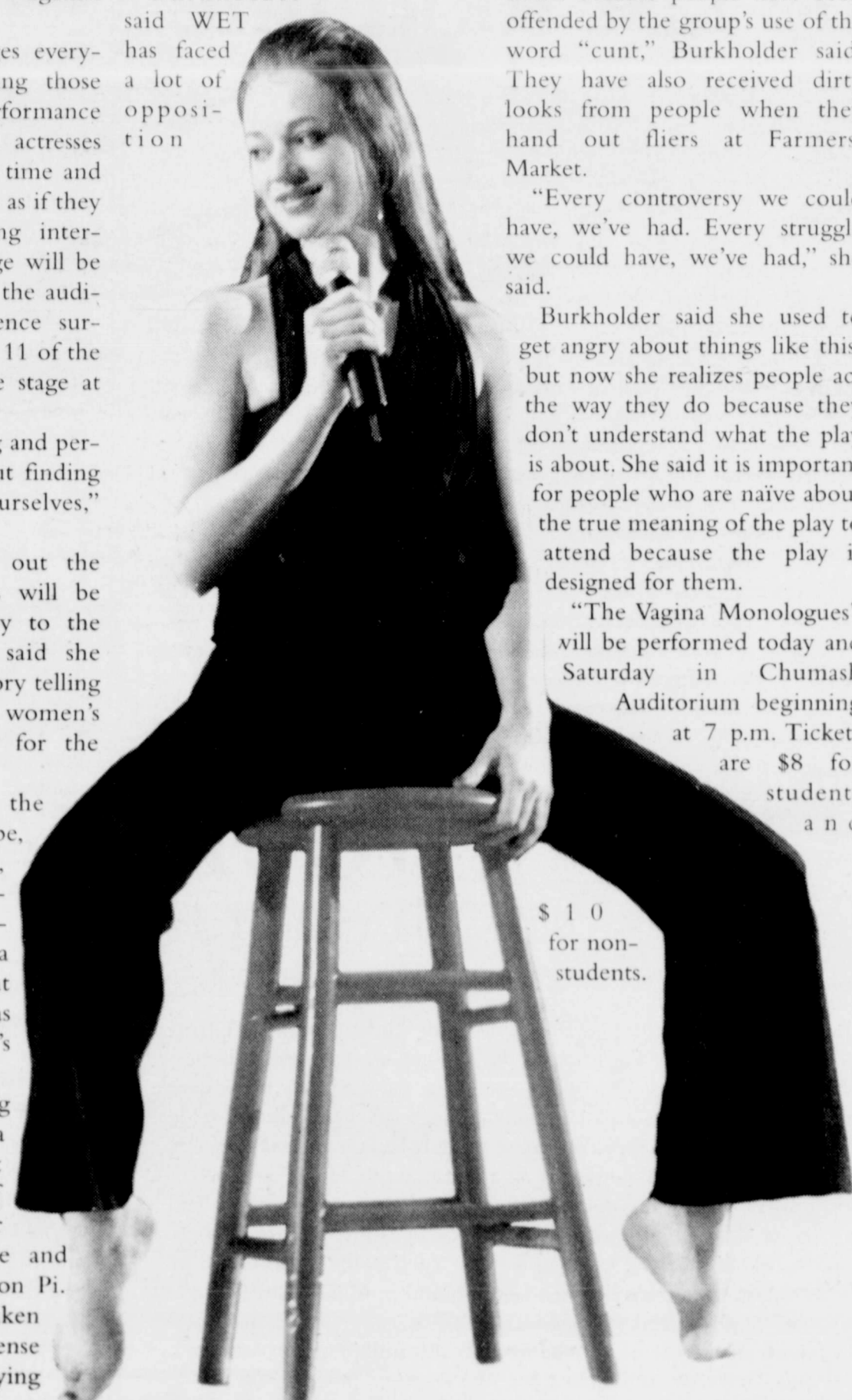
whenever they put the play on. Their posters have been torn down because people have been offended by the group's use of the word "cunt," Burkholder said. They have also received dirty looks from people when they hand out fliers at Farmers' Market.

"Every controversy we could have, we've had. Every struggle we could have, we've had," she said.

Burkholder said she used to get angry about things like this, but now she realizes people act the way they do because they don't understand what the play is about. She said it is important for people who are naïve about the true meaning of the play to attend because the play is designed for them.

"The Vagina Monologues" will be performed today and Saturday in Chumash Auditorium beginning at 7 p.m. Tickets are \$8 for students and

\$10 for non-students.



## REVIEW

### 3 Doors Down's 'Sun' better than tomatoes

Jake Seaton  
TECHNICIAN

There is a profound difference in what is good and what I like. Tomatoes are supposedly good — although, I do not like them. Does this mean tomatoes are bad? No, of course not. I just try to avoid eating them and allow others to enjoy their juicy goodness.

Music is a subject that can relate to this similar principle.

Ozzy Osbourne is a cornerstone of heavy metal, but I do not like him — his voice just irks me and gouges at the nerves in my spinal cord. He is not bad though — just not my flavor of fruit. On the other hand, I enjoy a good Bloody Mary and ketchup — just as I enjoy Black Sabbath and Ozzy's duet with Miss Piggy.

Escatawpa, Miss.-based quintet 3 Doors Down falls along with this same idea. The band is by no means bad. It has sold more than 12 million copies of its debut album, "The Better Life," and nearly that many of its sophomore release, "Away From the Sun." Pop rock radio eats up the

group's singles and the concerts are constantly packed or sold-out — so the band must be doing something right.

What makes 3 Doors Down work is the blending of grunge and pop rock, two genres that flourished throughout the 1990s. And with pop rock, success is almost a guarantee. If music were politics, 3 Doors Down would be a moderate or a conservative liberal — post-grunge has become a term to describe this band.

The problem with post-grunge is the field of music that the genre encompasses. Puddle of Mudd, Matchbox 20, Creed, Fuel and Nickleback have all been called post-grunge.

But these are not the bands that Pearl Jam, Nirvana, Soundgarden and Alice In Chains were leading their loyal fans to listen to.

Grunge had a far grittier and painful message.

But alas, once a label has been put on music, there's no turning back.

Although the music has aged quite a bit in the band's five-year existence,



COURTESY PHOTO

3 Doors Down is one of those bands that repeats its sound in each of its albums. The music isn't bad, it's just LAAME!

the antiquated sound or "Seventeen Days" remains appealing to modern rock listeners. What is ironic about the band's classic rock reaching is the appearance of Bob Seger on the road-is-so-hard-let-me-cry track, "Landing in London."

It must be said that 3 Doors Down is smart but not straying far from the formula. In its standard verse-progression-verse-progression-chorus-repeat style, "Seventeen Days" is a carbon copy of both "Away From

the Sun" and "The Better Life."

But like a carbon copy, some slipping of the paper may cause a few smudges that help the duplicate stand out from the original. With bands like 3 Doors Down, when VH1 releases "I Love the '00s" in a year or so, there will be plenty to talk about in regards to rock's evolution from grunge to post-grunge.

"Seventeen Days" is just one more stepping stone in the circle of music that rock has created for itself.



## COMMENTARY

# Spending time in the fast food line

College students aren't making the grade when it comes to healthy eating. Due to lack of time and money, the convenience of fast food and marketing strategies targeted at young adults, choosing healthy options is not the No. 1 priority for most busy students.

But giving in to artery-clogging convenience foods like McDonald's is much easier than preparing a healthy meal at home. After all, it's cheap and tastes great too. So what's the big deal, why not eat fast food? Well, consider this: Heart disease is the second leading cause of death in America, surpassed only by cancer. Not far behind are diabetes, hypertension and osteoporosis — all of which are diet-related conditions.

Despite the potential risk of developing chronic conditions, college students still ignore the facts. According to a recent study by Tufts University School of Nutrition Science and Policy, 60 percent of students eat too much saturated fat and 59 percent say they know their diet has gone downhill since they started college.

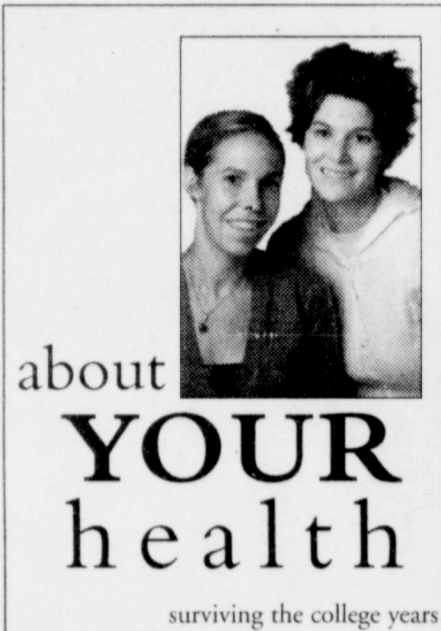
Contributing to this lifestyle is a diet that relies on fast food on a regular basis. For instance, a 10-piece McDonald's Chicken Breast Strips packs more than 1,200 calories and 66 grams of fat. That's almost an entire day's worth of calories in one item. According to a clinical nutrition class offered at Cal Poly, diets rich in saturated fat have been proven to contribute to a whole slew of chronic conditions, costing Americans \$274 billion a year in cardiovascular disease treatment alone.

More significantly, college students don't seem to think they are at risk. Students "have a false sense of dietary security," said Christina Economos, an assistant professor of nutrition at Tufts University. Students may think their diet is healthier than it is. For instance, during their freshmen year about one-third of the students in the study eliminated red meat, but many didn't compensate by eating healthier foods such as legumes, soy products and leafy green vegetables. Instead, they consumed more baked goods and cheese in the form of processed and fast foods. As a result, the students consumed about the same amount of saturated fat as red-meat eaters, Economos said.

But saturated fat isn't the only ingredient that contributes to detrimental illnesses. In fact, soaring levels of sodium, such as the levels found in many fast foods, have been linked to high blood pressure that can lead to heart attack or stroke. To use the McDonald's 10-piece Chicken Breast Strip example again, there is a whopping 3,100 milligrams of sodium in one serving. That's 700 milligrams over the recommended 2,400 milligrams a day for healthy individuals not currently on a low-sodium diet.

The next time you're faced with the choice between chowing down on a Big Mac and fries, think twice about your health and opt for a deli sandwich instead (hold the mayo).

Stacy West and Jane Wilson are nutrition seniors and members of the Peer Health Nutrition Team. Contact them at 756-6181.



## LETTERS TO THE EDITOR

### Everyone is right and the other person is always wrong

A man must learn to admit when he is a failure. I have failed. I thought what a wonderful thing it would be to have people talking to each other in rational, well thought out arguments. Wouldn't that be a good way to at least slow down the increasing partisan nature of politics? Wrong. No deal. So what is left?

The legacy you will inherit is the same that we did. People will forever be writing in and "informing" you of "the issues" without actually thinking about what they are saying or giving concrete reasons for believing them. We are locked in a kind of Civil War reenactment. The war isn't being fought here, but we are shadowing everything that is being done somewhere else. No new thoughts, no originality. Both sides say what they're told to say when they're told to say it without thinking why their side is good or right. Very well. I'm glad that everyone is right and the other person is always wrong. You want another parable fisherman? You can lead a horse to water, but can you make him think?

Jeff Comer  
Biochemistry senior

### The true spirit of Poly Gras is fair treatment of students

Poly Gras was not my idea, but I am responsible for creating the facebook group that has been quoted both in the Mustang Daily and the San Luis Obispo Tribune, and that the city seems to fear so much.

The entire Poly Gras movement is misunderstood by those who opposed it. Our goal was not simply to piss off the city because we're spiteful; it was to show them that crushing students' plans is not an acceptable way to solve the problem. We are not a bunch of irresponsible, drunken teens. We are

intelligent, young adults who see a problem with the fact that San Luis Obispo seems to be the only college town that ignores its students although we make up a significant part of its population. Instead of spending \$600,000 on a massive police force, what if that same money was spent on a scholarship program, so it wasn't only rich party boys that could afford tuition? What if it was spent on an army of free taxis that could take students home safely instead of violently hauling them off in handcuffs?

We are tired of being viewed as an unnecessary nuisance. We wish to be properly represented so we can work together with the city on any issue, and we will fight to see that we are treated fairly. This is the true spirit of Poly Gras.

Andy Scott  
Mechanical engineering freshman

### Society should ban Christian marriage and procreation

Society needs to straighten out quick before it destroys itself in some idiotic fit of righteousness. But education falls short. The problem is that so many parents have so much influence over their children. Some would see this as good, but what about Christian parents? Do we really want them making little mental clones of themselves, it only perpetuates the Christian problem. They strike before education can, causing all sorts of problems. We must attack the root of the problem to have the society we all want.

Banning Christian marriage is the obvious solution. It prevents lots and lots of idiots from being produced. Christians procreate faster than the educated, and we always find ourselves in an uphill battle against their moronic hordes. These heathenistic sex fiends will probably still find a way, but God will be happy with us if we can show some semblance of self regulation and control.

Some might claim that I am simply trying to promote what I want, and that I'm not being fair, equal or tolerant of others. Bullshit. The Christians themselves

have taught me that doesn't matter. Push your own agenda if your beliefs tell you.

Oh humanity, you put the point in pointless.

Morgan Elam  
General engineering senior

### Loving God completely is the way to save marriage

I've noticed certain desires that are common to most individuals; one is a desire to experience love. I believe there's another experience common to all people: the experience of being hurt within those relationships.

It seems all people are created with a desire to be in loving relationships with people, and all people have a desire or an idea of what perfection in that relationship would look like. How is it that we all desire to be loved and as so engage in relationships that give us a taste of that, but these relationships never meet our perfect ideal?

I have come to the conclusion that we're created with a perfect ideal of what love is. We're meant to go through life tasting it but never fully experiencing its perfection, except through the personal, intimate, loving relationship with the God who created us. God desires for us to experience that perfect love in him as much as possible, and we have earthly relationships to help us taste that love and point us to, or encourage us in, our quest to truly experience the perfect version of love that only comes through intimate relationship with him.

Marriage is then a union where you seek to love each other the way God loves the both of you individually being continual examples to the other person of God's love. Confined to your flesh, you will never be able to love the other perfectly leaving hurt often.

Continual failures to love perfectly don't bring about the failure of the relationship because both partners are ultimately seeking and finding that perfect love from the perfect lover ... God.

Andy Dean  
Political science senior

## LETTER POLICY

Send us your love, hate and more

Mustang Daily reserves the right to edit letters for grammar, profanities and length. Letters, commentaries and cartoons do not represent the views of the Mustang Daily. Please limit length to 250

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"Were they a gift from an elderly male admirer."

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# You're not just on this page for the crossword, right?

## The New York Times Crossword

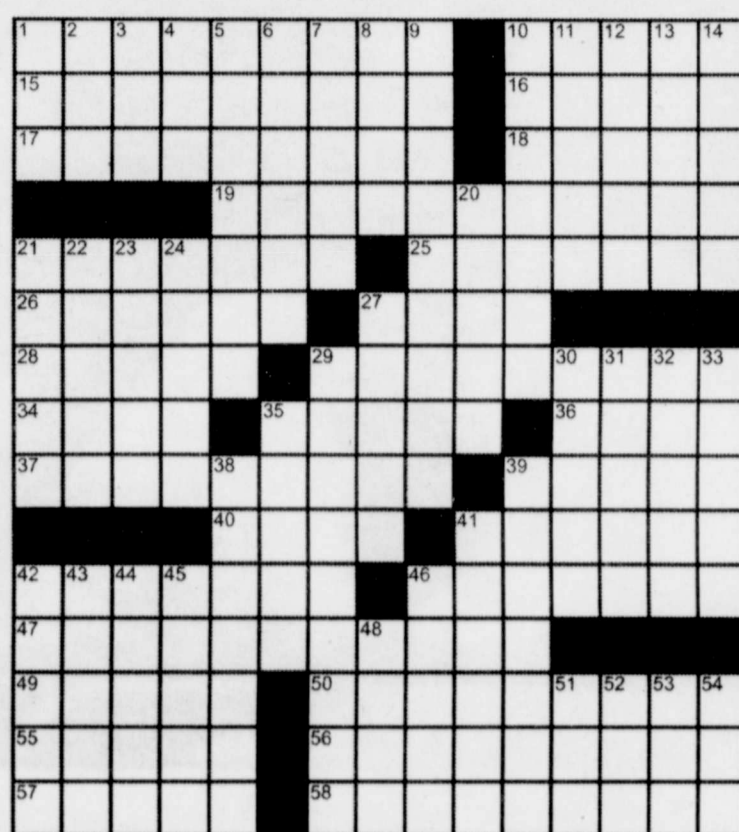
Edited by Will Shortz

No. 0107

- ACROSS**
- 1 Opposite of 58-Across
- 10 Evidence of trauma
- 15 Took off without a sound
- 16 Mel Tormé's "Home Baby"
- 17 "Doesn't that beat all?!"
- 18 Betel palm
- 19 Camp sight
- 21 Matching tops, maybe
- 25 Creeks, e.g.
- 26 Lapsed
- 27 Sitcom about a Texas soccer mom
- 28 Condition
- 29 Call up
- 34 Take \_\_\_\_ view of
- 35 Cartier rival
- 36 Crimson rivals
- 37 Information holders
- 39 Home of the Knights Hospitalers
- 40 Wasn't straight
- 41 More lean and muscular
- 42 It bites
- 46 Mean dude's quality
- 47 Procrastinator's aid
- 49 Philadelphia's first black mayor, 1984-92
- 50 What a mail order merchant wants
- 55 Guitarist's gizmo
- 56 Like wire transfers
- 57 Station postings, briefly
- 58 Opposite of 1-Across

### DOWN

- 1 Where Sydney is: Abbr.
- 2 Opposite of hiver
- 3 Console abbr.
- 4 Old cloth measure
- 5 It's newly available, but not new
- 6 Knocker
- 7 Big-eyed baby
- 8 "Streamers" playwright
- 9 Seeing things
- 10 What a gate may be attached to?
- 11 Literally, "dwarf dog"
- 12 Simple life?
- 13 San Juan native, slangily
- 14 Annoying things to hit
- 20 Work site
- 21 It includes a third and a fifth
- 22 Rockabilly queen Jackson
- 23 Certain Greenlander
- 24 Bellini's title priestess
- 27 Commanded anew
- 29 "The Dick Van Dyke Show" actress
- 30 Soak up



Puzzle by Stella Daily and Bruce Venzke

- 31 Matriarch of an 80's prime-time soap
- 32 Subpoenas, say
- 33 Red's old foes
- 35 Collect, as funds
- 38 Some Chevys
- 39 A few hours after dawn, in verse
- 41 Water, vis-à-vis wood
- 42 Some N.C.O.'s
- 43 Actress Aimée
- 44 ABC's Arledge
- 45 Requiring cracking, perhaps
- 46 Wallop
- 48 Time to give up?
- 51 Warriors' grp.
- 52 "An all 'round good fellow," in song
- 53 In the U.S.M.C., e.g.
- 54 Shade of blue

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### ANSWER TO PREVIOUS PUZZLE

SPARSE BNEG PCP  
TUREEN RENO LAH  
ONONESGUARD IVY  
ADUE TITO ROIL  
TIS IRONONDECAL  
STERNO OTERI  
ISSHOT GENES  
ONTHEDOUBLE  
RANGE PENPAL  
AGASP ONSALE  
DIVISIONONE LEX  
ITIN CROW FIFI  
OAS WONONPOINTS  
ITI AMON INDEBT  
NET TETE GOOSES

## Volleyball

continued from page 16

optimism during his interview Tuesday.

"I really think that's going to spread, be contagious to the rest of the team," outside hitter Kayla Mulder said.

He has already begin to make rebuilding plans, saying during the press conference that the first step is for the players to learn how to train correctly and for a different philosophy to be established. During the team interview on Tuesday, Stevenson paraphrased Ralph Waldo Emerson.

"She who knows how will have a job, and she who knows why will be the boss," Stevenson said Thursday.

There's also the matter of beating Big West Conference powerhouse UC Santa Barbara, something the Mustangs have done just once in their past 11 tries.

"We've already talked about that," said Stevenson, a 1980 UCSB graduate, incidentally. "This team is going to beat Santa Barbara soon."

Stevenson played a year of basketball at BYU and was a professional volleyball player for 17 years before embarking on a coaching career that has included head coaching gigs at Sonoma State and UC San Diego and an assistant post at University of Wyoming before his stint at St. Mary's. Still, Stevenson said Thursday he was tired of moving.

"I'd like this to be my last stop," he said.

## Flashback

continued from page 16

Harper said.

Harper had fond memories of his time at Cal Poly.

"There were lots of memorable moments," he said. "The main thing that was special was having the same coaching staff. That is an unusual thing. It was the big secret to a lot of the success we had."

Harper would undertake one other coaching job after Northern Arizona. He was the head coach for Cal Lutheran University from 1990-96. Then in 1997, Harper was inducted to the Cal Poly Athletic Hall of Fame.

"It was very gratifying to be recognized by people you worked for and worked with. It was very pleasant and it is nice to be in such good company," Harper said.

Harper returned to the Central Coast in 2000 when he opened a restaurant in San Luis Obispo on Foothill Boulevard with his son. He and his son currently own and operate Cabo San Luis and J.D. Boone's.

His involvement with the football program though still continues, as he does commentary on the radio for the Mustangs' home games.

Harper is a man who helped the Cal Poly football program take the next step. His dedication to the program can never be overstated. It is this legacy that will cement his place as one of the greatest Cal Poly coaches of all time.

# CLASSIFIED

### HELP WANTED

Cheer Coaches Needed for the SLO Youth Football League. Call Meggi 544-7724

Walton's Grizzly Lodge Summer Camp is currently hiring counselors for the summer of 2005. Located near Lake Tahoe. Looking for responsible, enthusiastic individuals who enjoy working with children. Competitive salary. Great work environment. On campus interviews held Thursday, March 3. Sign up for an interview time with Mustang Jobs. For more information, call (530) 274-9577.

CMRG is currently conducting a clinical research trial for vaginal yeast infection. If you're female, age 12 or older, and are currently experiencing the symptoms of a vaginal yeast infection, you may qualify to participate. Please call 805-549-7570 for more information about this research study. If eligible, you will be reimbursed for your time and travel.

### HELP WANTED

**Camp Wayne for Girls**  
Childrens' sleep-away camp, Northeastern Pennsylvania (6/18-8/14/05). If you love children and want a caring, fun environment we need Directors and Instructors for: Tennis, Swimming (W.S.I. preferred), Golf, Gymnastics, Cheerleading, Drama, Camping/Nature, High & Low Ropes, Team Sports, Waterskiing, Sailing, Painting/Drawing, Ceramics, Silkscreen, Printmaking, Batik, Jewelry, Calligraphy, Photography, Sculpture, Guitar, Aerobics, Self-Defense, Video, Piano. Other staff: Administrative/Driver (21+), Nurses (RN's and Nursing Students), Bookkeeper, Mother's Helper. On Campus Interviews February 20th. Call 1-800-279-3019 or apply online at [www.campwaynegirls.com](http://www.campwaynegirls.com)

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### HELP WANTED

Developmentally disabled student currently enrolled at Cuesta College needs a part time job coach, preferably an upper level or graduate student with experience and interest in helping handicapped students to succeed in new jobs. Hours approximately 3:00-5:00pm 4 days a week. Pay \$10 an hour. Please respond by email to [donpinkel@yahoo.com](mailto:donpinkel@yahoo.com) or by phone at 805-541-5721 for more details.

### ANNOUNCEMENTS

The Central Coast LAN Party 24 hrs., February 19th & 20th PC and XBOX tournaments, dinner provided. 42" plasma screen featuring 5.1 surround sound. Check it out at [www.centralcoastlanparty.com](http://www.centralcoastlanparty.com)

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### ANNOUNCEMENTS

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Room available spring quarter in 5 bedroom house, call 925-786-0615 to live w/great girls.

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# Successful coach lands his 'dream job'

Cal Poly women's volleyball team gets a new coach, Jon Stevenson, who went 25-4 in 2004 at St. Mary's

Graham Womack  
MUSTANG DAILY

With his new team watching, Jon Stevenson said his first words publicly as head coach of the Cal Poly women's volleyball team.

Having just received an introduction from Athletic Director Alison Cone and subsequent applause from the crowd of Mustang sports personnel inside the athletic department's press conference on Thursday afternoon in Mott Gym, the fourth-head coach in the volleyball program's 26-year history had optimistic words.

"Well, this is amazing to me, the degree of excitement that surrounds this," Stevenson said with a smile. "It sure bodes well for the future."

Stevenson received a one-year appointment and a salary of \$90,000, as an emergency hire, Cone said. In accepting what he deemed his "dream job," he replaces Steve Schlick, who resigned Feb. 3 after nine seasons. Schlick accumulated 135 victories and three NCAA Tournament appearances, most recently in 2002. However, Cal Poly has slipped in recent years and fell to 5-24 in



SHEILA SOBCHIK MUSTANG DAILY

Stevenson speaks at a Thursday press conference after being introduced as the new women's volleyball coach.

2004.

Now, the Mustangs are getting a coach who went 25-4 this past fall at St. Mary's, guiding the Gaels to a second-place finish in the West Coast Conference, a Sweet Sixteen appearance in the tournament and a No. 13 ranking. VBall Magazine

named Stevenson 2004 NCAA Division I "Coach of the Year."

In three years at St. Mary's, Stevenson took the Gaels from an RPI ranking of 235 in his first season to No. 12 this past fall. Cone said in introducing Stevenson that it was the largest turnaround in

NCAA history. He also has local ties, including that he was a club coach in San Luis Obispo in 2003.

"Jon will be a perfect fit for our volleyball program," Cone said in a department press release. "With Cal Poly's rich tradition and history in the volleyball program, Jon is the

right coach at the right time to lead Cal Poly back into national prominence."

Stevenson beat out a field of 30 or so applicants who emerged over a whirlwind past two weeks. Cone said she worked 10 to 12 hours daily on the search, and assistant coach Lindsey Martin said the fast search was necessary with the Las Vegas Invitational, a recruit showcase, happening this weekend.

It also made life hectic for Stevenson, who drove to San Luis Obispo on Monday, was interviewed on Tuesday and got offered a job Wednesday morning. Then he drove back to St. Mary's and settled things with his old team at 7 a.m. Thursday before returning to Cal Poly for the 2 p.m. press conference.

During all the time on the road, Stevenson said, he talked extensively on his cell phone with prospective assistant coaches.

He'll soon decide whether to retain any of the current Cal Poly assistants. He's also considering bringing along one assistant from St. Mary's, someone who's presently weighing a job offer from University of Utah.

Whatever frazzling effect the past week may have had on Stevenson's nerves though, he impressed the Mustangs with his

see Volleyball, page 15

## Joe Harper: From walk-on to champion coach

Brian Lambdin  
MUSTANG DAILY

Joe Harper knows about hard work.

Harper was a walk-on football player at UCLA, during his time at Cal Poly he held the position of

athletic director as well as head football coach, and to this day he continues to impact the San Luis Obispo community.

It was hard work, as demonstrated by the many accolades Harper received in his career, that defined a man that certainly can be titled one

of Cal Poly's greatest coaches.

Harper grew up in Glendale, and in high school he played football and baseball.

Upon graduating from high school, Harper enrolled in UCLA as a physical education major. He had not been offered any kind of athletic scholarship so he had to walk-on for the

football team. Harper made the team as an offensive guard and he played on the defensive line as well because in those days as Harper said, "You played both ways." Rugby was also a sport he played during his college days at UCLA.

Upon graduating Harper would serve in the army and upon his discharge he went back to UCLA to work on his master's degree. While he was studying at UCLA, he got his first coaching job as head coach of the Riverside City College football team.

After that job Harper would coach at Colorado State, UC Santa Barbara and the University of Colorado. During those stints he usually served as an offensive line coach and when he came to Cal Poly in 1968 it was his first head coaching job since Riverside City College.

Harper was first brought to Cal Poly as the football coach, but would also serve as athletic director from 1968-73.

But there was no doubt coach-

ing was where his heart was.

"It is enjoyable to coach," Harper said. "As athletic director it is nothing but headaches and other people's problems."

Serving in the two roles,

Harper keenly viewed an athletic department that evolved to the place it is today.

"It was a different era. Athletics were a function of the Associated Students," Harper said. "Athletics were viewed as a student activity, a second priority to academics."

Harper was shined in success in his time as coach. He is the winningest coach in Cal Poly football history with 96 wins in his 14 seasons. His winning percentage of .685 is also the best in school history. He would lead the football team to an undefeated regular season in 1972 and a berth in the Camellia Bowl.

"The Camellia Bowl was in Sacramento. Back then there was no Division I or II in the NCAA," Harper said. "It was a bowl game for smaller colleges. We played the University

of North Dakota and we lost."

Cal Poly lost that game 38-21.

Things only got better for Cal Poly and Harper after that. He was named coach of the year by the American Football Coaches Association for District IX five times, the first time in 1972 and four more times after that in 1973, '75, '78 and '80.

The highest moment of his career came in 1980 when Harper led Cal Poly to the Division II championship. That team went 10-3 and defeated Eastern Illinois in the championship game 21-13.

"It was a pinnacle that we had been working at for a long time.

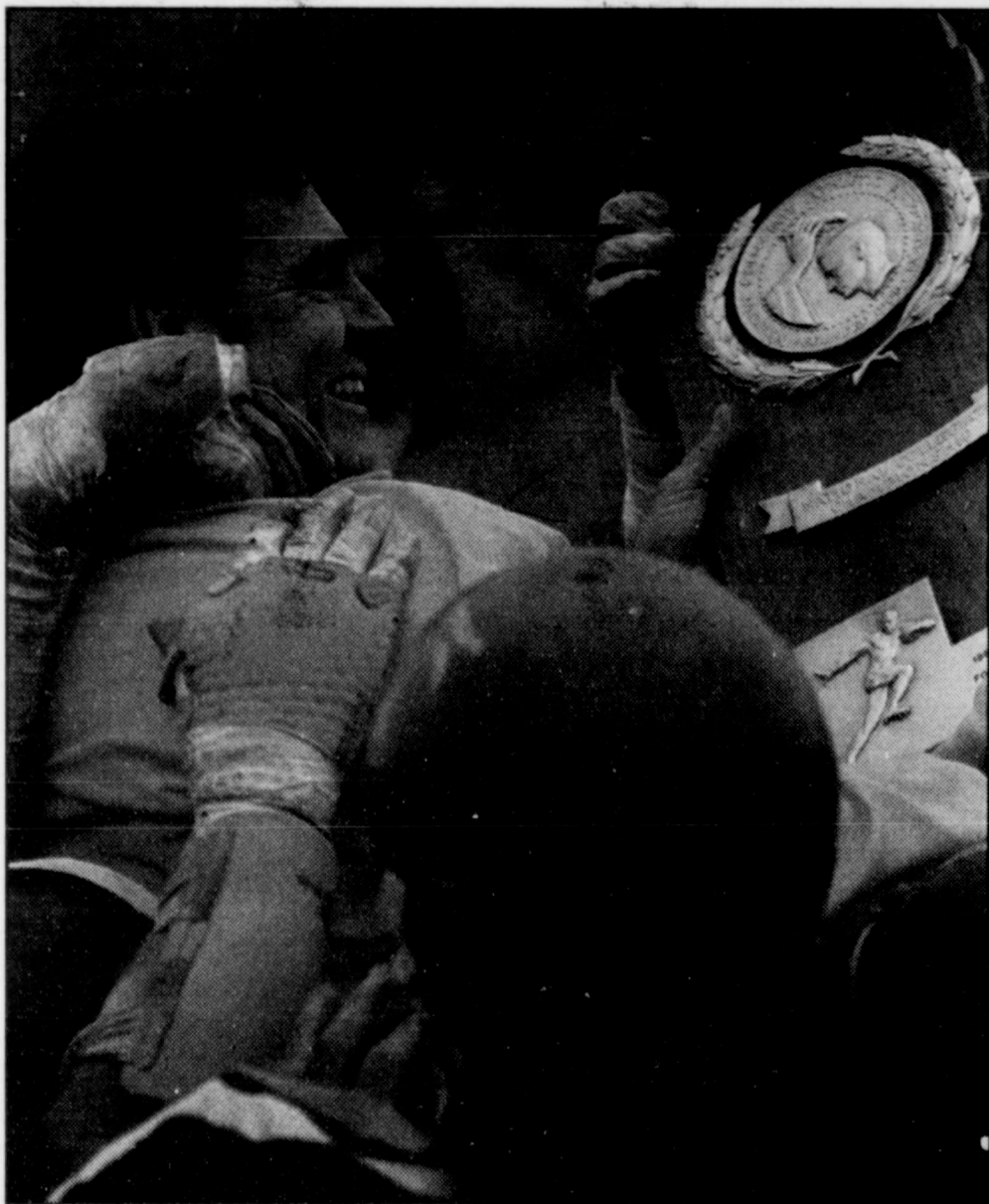
That season everything worked for us," Harper said.

Harper would leave after just one more season to take the head coaching job at Northern Arizona, a position he would hold from 1982-84.

"I felt it was time to leave.

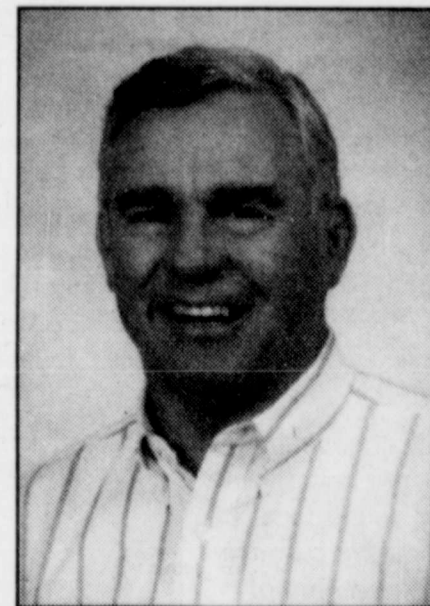
The athletic program was going through a lot of changes. It was time for a breath of fresh air,"

see Flashback, page 15



COURTESY PHOTO

Under Harper, Cal Poly won the 1980 Div. II National Championship.



Joe Harper